# !"#"\$\&" ' (##\) &\$(\*#"+\*"+\\ !""#\$\&'()\*(&+,)-\$.##/)#0)!1"\\\&+2)-\$\((+\$(")\) !+\\\&+2)3&14)5&61(/\\\&+)\*\\\(1(\*#1)#0)'.()789&+\\\\("):(+'(1)\) !1'.81)-&';)<1#0(""#1)#0)789&+\\\\\(",)\*(=&1'9(+')#0)!1')&+2)!1')7\\\"#1>) ?+\\\\\(2(1"\\))=0)A#\$.("'(1\) BCB:)A8".)A.((")D\\\61&1>,)E#F)BGHIJK, A#\$.("'(1,)LM)CIKBG =('(1\\\\$.1\\"'(+"(+O1#\\$.("'(1\)(28\) PPP\\=('(1.\\$.1\\"'(+"(+\\\\$#9)

",-).#(/+

**&012013**% - **452617589**% : **103**;**086**%\*<=>>?%>@% . **187**%**043**%\*<**564**<**67**,) : & 9 61%2Q(,) 3 !,)<. N\*N,)BHCI,)

## ! - EH(\*&", \\ ' / \\$ I

## E>>J7\K16\61663L

- <('(1)7%):.1%''(+"(+,)G\$&%.9'D9'G, -\$&%,)%+)=1#\$("")
- <('(1)7\): .1\\"'(+"(+,)H\\3\\4':\\4./'H5.,\%.-'5\\;'.2,'I5.7\\\,'34'J\\1,\%.\\3\\'\\\':\\\62\\.,6.7\\\,'[0\\1'.\\\9\\\+Q)01\\\9\\3\\\\\\
- $<('(1)7\%):.1\%'''(+"(+,)H\#,6\$37-'F,.5\%'K,\#=5\%'!.,,8\%'F3;,\#\%\$.9'5\%;'L63\$3\&9'[<(++)-'\&'()<1("",)BHBB\%)\\ A(@\%(P(2)\%+X)M23\$6,\%)$
- $<('(1)7):.1\%''(+"(+,)K,\#=5\%9'5\%;'.2,'O..3=5\%'A5\$8N59-/':\#.B'L="\$\#,B'5\%;'J\%4\#5-.\#76.7\#,'[L(P)7\&@(+X)M\&/()?+\&@(1"\%'>)<1("",)BHCG\)Z\\++(1)\#0)'.()BHBH)-!7)!/\\$()*&@\\")7\\"$.$\#$4)!P&12)0\#1)'.()9\#''')2\\"\\$+Q8\\".(2)P\#14)\#0)"\$.\#/&1".\\=)\\+)'.().\\"'\#1>)\#0)'.()68\\/')(+@\\1\#+9(+')6>)&)L\#1'.)'!9(1\\$\&+)\"\$.\#/\&1\")$

 $\begin{array}{l} A(@\%(P(2)\%+X)E37\#\%58'34'.2,'!36\$,.9'34':\#62\$,.6.7\#58'O\$-.3\#\$5\%-B':-\$5\%':445\%+B':FM:B'I,N'\\ H,\#-'',6.\$1,-'3\%'P7\#Q,9B'K,\#=5\%'O\$-.3\#9B'I\$\%,.,,\%.2'M,\%.7\#9':\#.'R3\#8;N\$;,B'S\$,\#.,\$T52\#-62\#\$4.'\\ 47\#'!3U\$58+'7\%;'R\$\#.-6254.-\&,-62\$62.,B'M3\#\%763''\$5B':\#62\$.,6.7\#,'V,93\%;'L7\#3'',\emptyset) \end{array}$ 

## "35863\\\2>?; A 67\\K16\\61663L

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 $<86/\$\$\&'\$\#+)1(@\$(P(2)\$+\$)E37\#\%58'34':\#62\$.,6.7\#58'L;765.\$3\%B'M3\%-.\#76.\$3\%'O\$-.3\#9B'G,-\$\&\%' \\ J--7,-B'E37\#\%58'34'.2,'!36\$,.9'34':\#62\$.,6.7\#58'O\$-.3\#$5\%-B'I,N'[3\#0'A,1\$,N'34'V330-B'M23\$6,0']$ 

cF.\%6\\%+\)1(\@\%(P(2)\%+\%)X\\%\,U\,\B'P2\,'R5-2\%\&.3\\'H3-.\B'P2\,'I\,N'\[3\\Q'P\\$=\,-\B'P2\,'I\,N'A\,''7D\\\6\B'\V7-\\%\,--R\,\Q\B'V833=D\,\\&\B'P2\,'K75\\\\;\\$5\\%\.

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 \begin{tabular}{ll} & \begin{tabular}{ll}
```

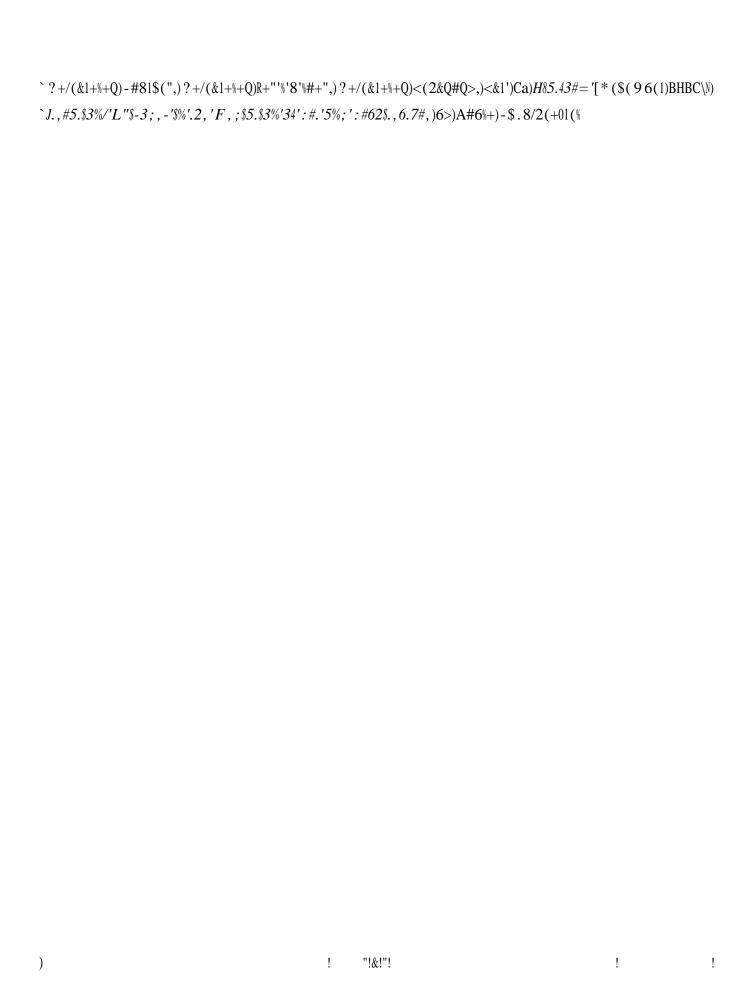
- `c\%+\%Q()518+201&Q(+);89)-&99(/+)@\%+)!1\\$.\%'(4'(++&\\$./\_\"'(+,a)\%+)!+21(")D(=\%4)[(2\\\,)!23N'\'P,8\%'\:\%62\\$.,\Q.7\%'!5==,8\%'[E(1\\%+\%)7\&'e():\&+';,)BHCI\\,)BCKUjG\\

# . 185<?67\K16@61663L\

- `!1\$.\"(\$'81\&/)E\\#9('1\\\$"a)[\\+)=1(=\&1\&'\\#+)0\#1)E37\\%5\8'34'.2,'!36\\\,.9'34':\#62\\\\,,6.7\\58'O\\-.3\\\\$5\%-B' (F=(\\$'(2)\"869\\"\\\#+)^\&//)BHBI\\))
- $\begin{tabular}{ll} $$ W. ()E\&k2\&')*(9\%1>\#/8\%)5(19\&+)W\#=\#Q1\&=.>)E('P((+)-\$\%(+\$()\&+2)f1\%(+'\&/\%''9,a)F7]5\#\%5-') \\ $$ [0\#1'.\$\#9\%+O)BHBJ\N)$ \end{tabular}$
- `Z#9(+)%+)'.()-\$1&=)7(&=X)W('&+8",)Z#1/2)Z&1)&+2)^(9&/()D&6#1,a):&&#,&5.,B']8+()BHBBN)
- `^81'\@()<.#'#Q1&=.\(")#0)'.()A8.1Q(6\(',a)Q\\$.\$-62, 'V,\\$62.,)[\*(\$(96(1)BHCd\\))
- `!)E1%2Q()'#)-#9(P.(1(X)R+01&"'18\$'81()&+2)3&'(1%&/%'>a)J%S\$-\$D8, 'M78.7#,)[-899(1)BHCG\\\).''="X11%@\$\\/\$6\\1#\$.("'(1\(281&U61\(2Q(U"#9(P.(1(U\(401\(201\))+01\(201\))+01\(201\))"18\$'81(U\(\(201\))+2U9\(201\))"18\$'81(U\(201\))"18\$'9(U\(201\))"18\$'9(U\(201\))"18\$'9(U\(201\))"18\$'9(U\(201\))"18\$'9(U\(201\))"18\$'9
- $[P\%'.)D\%) * \%+Q,) ! . 9 (2) c / \% ('.>,) c \%' \&+)^1 ((2(+6(1Q,)-N)!/\&+\&) Z \#/0U] \# . + "\#+,)] \# ". 8\&) A \# 9 = .0,) 5 \& 81\& @) \\ . \& 19 \& \rangle ` : \# 9 = \& 1\&' \% @ ()! + \&/>"\%") \# 0) 7 \# 9 \#/\#Q \# 8") E 8\%/2\%+Q") ? "\%+Q) A \&+Q() R 9 \& Q \%+Q, a) JLLL' \\ J\%., \#\%5. \$3\%58'M3\%4, \#, \%6, '34'J = 5\&, 'H\#36, --$\%&' JMJH' [-(='(96(1)BHCK\X)] j GdU j dBN)$
- `W. (#2#1)A#\$.#//)&+2)'. ()W% 9 ()#0)&)A(/8\$'&+'): #" 9 #=#/%'(,a) I \$%,.., %.2'M, %.7#9': #.'R 3#8; N\$; ,B'
  -=1%+Q)BHCKN) f +/%+()/%+4X). ''=X11 P P PNCV'. \$U&1' P#1/2 P%2 (N#1Q1"=1%+QCK1\$.1%"'(+"(+U#+U'. (#2#1U
  1#\$.#//U'% 9 (U#0U&U1(/8\$'&+'U\$#" 9 #=#/%'(N)
- `cF=(1'\"()&+2)'.()c\#+#9\(")#0)T+#P/(2Q()#0)!1\\$.\\"(\\$'81\&/)<1\&\\\"\\()\R''/\&9\\\)Z#1/2)"\\+\(()CdHH,a)

  J\%.,#\%5.\\$3\%5\E37\#\%5\8'34'J-\85=\\$6':\#62\\.,6.7\#,(-0.2()40.2(+'(()0.2(")-0.215000502(')0.2Tc5000501

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```
c1\% f P (+) 3 #""a)[Y#/\)VC,)==\\)KKUKG\)
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- E&1'#+) 3 > (1"a)[Y#/N)VC, ==N) j dKUG
- < &8/) \* &+ (/)L(/"#+a)[Y#/N)VB,)==N)CjVUIH()
- Z & // & (00,a)[Y#/N)VB,)=N)CHV
- Z &/'(1)! +21(P)L('''\$.,a)[Y#/N)VB,)=N)CVJ
- Y/&2%9%1) f'''%=#00a)[Y#/N)Vj,)==N)JBIUJ
- $\ \ ]\#.+)<\&14\%+a)[Y\#/N)VI,)=N)jjj\rangle$
- $Z \frac{1}{4} = \frac{Z \frac{1}{4}}{2} = \frac{1}{4} = \frac{1}$
- $\ Z \%/\%''$ )<#/4a)[Y#/\)VK,)=\\)BId\\
- ! + '#% + () < 1(2#\$4a)[Y#%)VK,) = %)JHG())
- $E18$()<1\%$(a)[Y#/N)VG,)==N)CiUCI\)$
- $3 \% . \&(/) <> \&'#4a)[Y#/N)VG,)=N)CVB\$
- 7 (+1>)7 #6"#+)A% . &12"#+a)[Y#/N)Vd,)==N)IBHUB()
- `Z&".\|+Q'\|+\)!8Q8\|'8\|A\|(6\|+Qa)[Y\|A\|)VV,)BHCUB\)
- A% . &12)A#Q(1"a)[Y#/\)VV,)==\\)BJBUI\,)
- $c 9 (1>)A\#' . a)[Y\#/N)VV,)==N)IdKUG\setminus,$
- $< &8/)A82\#/=.a)[Y\#/N)CHH,)==N)GCUGB\)$

3 8/'\=/()(+'1\('')\(+')

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38'\%=/()(+'1\%('')\%+X)W.()38''(89)\#0)3\#2(1+)!1', M3\%. = "3#5#9'O$&28$&2.-)[L(P)M#14X)W.()38''(89)\#0
                3 #2(1+) ! 1', BHHG(N)
               T/\&8'') - '\&(\$4,)`! + 2)L(P)D\%0()^{#}P(1'')^1#9)'.()A8\%+'',a)[=\()BC\(q))
               ' !/6(1'\#) 3 (2\&,)D\&Q.',)D\&Q.' : .\&\&1a)[=N)KC\q)
               7(1;\#0) r (2) 3(81\#+,) - \$0 + \&/(E\#F) \& 80) 2(9) Z \#/(0a) [= \$) GK \setminus (0a)
               *\%//(1)s)-$\#0\%2\%\#,)-/\#P)7\#8"(,)L\#1'.)7\&@(+,)L(P)M#14a)[=\%]GV\,))
               W\&2\&+\#1\%)M\#4\#\#, \ \&=\&+("()-\#\%('>)0\#1)'. \ ()A\&Q.'")\#0)!8'.\#1", \ :\#9=\#"(1",)&+2)<86\%". \ (1"a)[=\%]
               CHj \setminus q)
               ^{4}(\Q+) f 00\%() ! 1$.\%'($''')[^f ! \]M#4#.&9 &)R+'(1+&'\#+&/)<#1')W(19\%+&/,)M#4#.&9 &,)]&=&+a)
               [=\mathbb{N})CVK(\mathfrak{q})
               `W#>#)R'#) r)!""#$%&'(",)-(+2&%) 3 (2%&'.(t8(,) 3 %>&Q%)<1(0($'81(,)]&=&+a)[=\)CVG\q))
               E\&1\$(/\#+\&,) - =\&\%+a)[=N)BjG\N
38'\%=/()(+'\%(')\%+\%)W(1(+\$()A\%/(>,0\%+!\$.,/'I,N':\#62\$.,6.7\#,'\%'!''5\%)[L(P)M\#14\%)W.()38''(89)\#0)
                3 #2(1+) ! 1',)BHHK(N)
               c 9 \%\% W8uv + (k+2)D8\%'' 3 \% 3 k + \%//k, 3 8'' (89) \# 0 : k + k 61 k a) [= \% IB \ a)
               w/(8.1\%) - \%; \&)B)! 1t8\%'($'\#)P\%'.)]8\&+)*\#9\%+O\#) - \&+'\#'',)c2\\0\\$\\#)b&\\2&a)[=\\\JI\\a)]
               `9&8(E)6X(det)2A(E)X(det)2A(E)X(de)(-1)X(\q)) 3&+1(''&): \(\frac{1}{2}\)\cdot \(\frac{1}{2}\)
               (5.6(1'#): \&9 = \#)E\&(:\&)I)c"(82\%#)!1t8\%($'81\&): \&9 = \#)E\&(:\&, 38"(89)\#0)! + 2\&/8\$v\&a)[=\%GK(a))
               W#>#)R'#) r)!""#$%&'(",)!1$.%'($'")P%'.)]#"p)3&1y&)W#11(")L&2&/)&+2)!+'#+%#)3&t8(1%(,))
               W#11(@\%(e\&)A(/\&F\&'\%#+)<\&14a)[=N)dd\backslash q)
               ! (6\#) z)! / \# + "\#)! 1t 8\%' (\$'\#", D\&) : \#18u\&)! 1'") : (+'(1a)[=\()CHH\())
               : /\#82)V)P\%'.)! \$\#+\$\%-'82\%\#)\&+2)A8>)f.'&4(,)7#'(/)7&6\%'a)[=\%CHI\q))
               *#9\%+\%t8()<(11&8/')!1$.%'($'81(,)3&21\%2)W(++\%''):(+'(1a)[=\%CCK\q))
               5(.1)<\&1'+(1'',7\#'(/)\&')3\&1t8p'')2()Ah''$\&/Zh+(1>a)[=h)CBB(q))
               ! 3 < ! 1t8\%'(\$'\#',)-\&+'\&):18;)2()W(+(1\%0()!'./('\%'')-'\&2\%9a)[=\)CiI\q))
               58\&/(\&1')!1$.%'($''',)Y&/(+$%)-.&1%+Q)W#P(1a)[=%)CJH(q))
```

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7(1;#0) r (2) (3(81#+,))

- $\begin{tabular}{ll} $$\mathbb{R}(A) = \mathbb{R}(A) + \mathbb$
- $Z .>)\%")#81): \& 9=8")"#)E#1\%+Q{,a}M5="7-'P$=,-[!=1\%/]BI,)BHCd\%)$
- $5(19 \& +>) \& +2)'.() f'' # 9 \& +) A \& //P \& >'',a) WA! ^f) E/#Q) [3 \& 1 \& .) BHCd \ N)$
- `7\"'#1>)#+)'.()W1&\$4"X)W.()E(1/\\+UE&Q.2&2)A&\\/P&>,a)H56\\\\6\\!/:5\%;5\#;'[#+/\\+()L#@(96(1)BJ,)BHCJ\\\'
- ` c @ (/>+()D(6/&+\$UA#6(1Q(g") Z &//s <&=(1,a) : 4. , #J=5&, 'Y#/\\)I j ,)L#"\\)C p (/>+()D(6/&+\$UA#6(1Q()&+2)]#" . 8&) \* 86/(1\\
- )` \* \"'=&'\\$ . ("\X)<1("(+'\U\\+Q)\&) \\$ . ##/g") 7 \\"'#1>)\\+) f \( 6e(\\$''',a) O 5 \( 15 \#; 'G, -\\$ \& \%' F 5 \& 5 \U\\$ \%, 'Y \#/\\) j \( J) \[ BHCB\,) \\ CGHUGK\\ \\ \)
- `\*("\\Q+) 3 ('(\#\1\#\Q>\qa)\\+) f /> 9 =\\&)T\&;\\)\&+2)](00)E>/(")[(2"\\,)P2, 'I, N'[3\\Q'()C)'I3., D33Q)[L(P) M\#14\\R+"'\8'()\#0)? 16\&+)\*("\\Q+,)BHHd\,)IV\\

, 5F580?\\7<=>?017=5M

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BHBB) )
               : (+'1\&/)L(P)M#14)789\&+\%\%("): #11\%2#1)Z#14\%+0)51#8=)51\&+")[P\%'.)->1\&\$8"()?+\%@(1\%'>))
               &+2): \#1+(//)? +\\@(1\\\\))
BHBBUB I)
               <R,) 3 (//#+) * \%0\% (%) 7 8 9 &+\% (") 5 1&28&\( () - '82(+')^(//#P".\%=)<1#Q1&9 )[M(&1")I)&+2)J)#(0)J,))
               \VdB,HHH\)
BHBB) )
               3(96(1".\%=.)R+"'\%'8'()0\#1)!2@\&+\$(2)-'82>,)<1\%+\$('\#+)[{II,HHH})
BHBCUBB)
               ]\#.+)-\#/\#9\#+)58QQ(+.(\$9)^{\#}8+2\&'\%\#+)^{(/\#P".\%=)[}JH,HHH\)
BHBCUBB)
               : (+'1\&/)L(P)M#14)789\&+\%'\%("): #11\%2#1)Z#14\%+Q)51#8=)51\&+')[P\%'.)->1&$8"()
               ?+\%@(1'\%'>,):\#1+(//)?+\%@(1'\%'>,)&+2)7&9\%'++):\#//(Q(,))i,HHH\)
BHBC)
               -#$\%('>)[]IHH()
BHBC)
               51&.&9)^#8+2&'\#+)0#1)!2@&+$(2)-'82\(")\+)'.()Y\"8&/)!1'")[}J,HHH\)
BHBHUBC)
               5(12\&)7(+4(/)-'\%0'8+0)^(//\#P''.\%=)[\{GC,JiV\})
BHBH)
               < \&8/) 3 (//#+) : (+'1()0#1) - '82\%(")\%+)E1\%'\%".) ! 1',)M&/() ? + \&@(1"\%'>,)A("(\&1\$.) - 8==#1') 5 1\&+')
               [B,HHH]
               ! / \$ () * \& @ \$'') 7 \$ ' \$ . \$ # \$ 4) ! P \& 12) 01 # 9) ' . () - # \$ \$ ('>) # 0) ! 1 \$ . \$ ' ($'81 \& /) 7 \$ '' '# 1 \$ \& + " N) 3 # "')
BHBH)
               "$.#/&1N)
               L#9\%+((,)5/\#6\&/)!96\&'''\&2\#1,)W?)3S+\$.(+)5/\#6\&/)!96\&'''\&2\#1'')<1\#01\&9
BHBH) )
BHBH) )
               Y\%\%+Q)789\&+\%\%, E1+\#)?+\%@(1\%)+\%W(\$.+\#/\#Q>,):;(\$.)A(=86\%)
               L\&'\%+\&/c+2#P9(+')0#1)'.()789\&+\%'\%(")^(//\#P".\%=)[]KH,HHH\)
BHCVUBH)
BHCV) )
               A\% . &12)A\#Q(1")^{(//\#P".\%=)}[D\#+2\#+\,7\&1@\&12)51\&28\&'()-\$.\#\#/\#0)*("\\Q+)[\BJ,HHH\)
BHCV) )
               L(P)M#14) - '\&'() : #8+$\%/0#1)' . () ! 1''')[LM - : ! \) 5 1&+')0#1) ! 1$ . \%'($'81()[ CH, HHH\)
BHCV) )
               c!7L)cF(\$8'\%@():\#99\%''(()W1\&@(/)!P\&12)[\}jHH\)
BHCdUBC)
               : (+'1\&/)L(P)M#14)789\&+\%'\%("): #11\%2#1)Z#14\%+0)51#8=)51\&+')[P\%'.): #1+(//)?+\%(1"\%'>,)
               {CJ,HHH\)
BHCdUCV)
               : (+'1\&/)L(P)M#14)789\&+\%'\%("): #11\%2#1)Z#14\%+Q)51#8=)51\&+')[P\%'.)->1&$8"()
               ? + \%@(1''\%'>,) \} i,HHH\)
               : (+'1\&/)L(P)M#14)789\&+\%("): #11\%2#1)Z#14\%+0)51#8=)51\&+\%[P\%']: #1+(//)?+\%((1\%')>,)
BHCG)
               j,HHH()
               Z'''''(+"\$.\&0'''4\#/(0);8)E(1/\%+)I)^\#189)W1\&+"I(0\%\#+\&/()-'82\%(+,)<\#"'2\#\$'\#1\&/)^(//\#P''.\%=)
BHCKUCG)
               [}BG,HHH\)
BHCK)
               -1.7113(//#+)1.8'.#1)1.P&12)0#1)K, #=5\%9'5\%; '.2, '0..3=5\%'A5\8N59'I, .N3\#0/':#.\B'
               L = "\$\#, \$'5\%; 'J\%4\#5-.\#76.7\#, '[] I, jKJ
BHCK)
               3 (//#+) Z #14".#=)^{(//#P".%=,)!1')7%"'#1>)%+)*%Q%'&/)*%9 (+"%#+",)?+%@(1"%'>)#0)
               3 \& 1 > / \& + 2)
BHCK)
               L\&'\%+\&/c+2#P9(+')0#1)'.()789\&+\%'\%(",)-899(1)-'\%=(+2)[\]K,HHH\)
```

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BHCK)
                                                             : (+'1\&/)L(P)M#14)789\&+\%'\%("): #11\%2#1)Z#14\%+O(51#8=)51\&+')[P\%'.)->1&$8"()
                                                             ? + \%@(1''\%'>,) \} i,HHH\)
                                                             : (+'1\&/)L(P)M#14)789\&+\%'\%("): #11\%2#1)Z#14\%+Q)51#8=)51\&+')[P\%'.): #1+(//)?+\%@(1\%'>,)
BHCK)
                                                            \} i,HHH\setminus)
BHCJ)
                                                           MOOJML)1($#Q+\\\#+)0\#1)!1\$.\\'(\$'81\\\\;(2)!\\\\\\\;(2)!\\\\\\\)h)f8\\\\\\+2\\+Q)!\$\&2(9\\\)\\\\\'()\#0)
                                                           BHCI)
BHCJ)
                                                             : (+'1\&/)L(P)M#14)789\&+\%("): #11\%2#1)Z#14\%+0)51#8=)51\&+\%[P\%']: #1+(//)?+\%(1\%'>,)
                                                            HHH, i
BHC I UCK)
                                                             3 (//#+)5/#6&/)!1$.%'($'81&/)7%"'#1>)W(&$.%+Q):#//&6#1&'%@()51&+')[}BH,HHH\
                                                              3 (//#+)<#""2#$'#1&/)^(//#P". = 1)D($'81(". = .)*(=&1'9(+')#0)!1')7\""#1>)&+2)
BHCIUCK)
                                                              ! 1\$. \& (\#/\#Q>,) : \#/896 \&) ? + \& (1"\%'>) [2(\$/\%+(2,)) CHH, HHH \)
BHCj))
                                                            BHCCUCB)
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                                                                                                                                   BHCj)
                                                                                                                                   !1\$.\%'(\$'81(.)7\&1@\&12)?+\%@(1'\%'>.)*\&9#+)*\%/(>)^8+2)1(''(\&1\$.)Q1\&+'\%
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                                                                                                                                ?+2(1,) f+X)!1$.%'($'81()&+2)'.()c&1'.a)">9=#"%89N
                                                                                                                              1(+")!861>) Z ("'(+0&12)^{(//\#P".\%=,)7}&1@&12)?+\%@(1"\%'>)^&$8/'>)#0)!1'")&+2)-$\%(+$("\mathbb{N})
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                                                                                                                                   !1\$.\%'(\$'81(.)7\&1@\&12)?+\%@(1'\%'>.)*\&9#+)*\%/(>)^8+2)1(''(\&1\$.)Q1\&+'\%
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BHCC)
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                                                                                                                               7 \& 10 \& 12)? + \& 0 (1"\%'>) 5 1 \& 28 \&'() - '82 (+') : #8 + \% /)"899 (1)1 ("(&1$.) \& P & 12 M) = 1.0 (1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% + 1.0 \% 
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BHHG) )
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- `!1\$.\\'(\$'81()&+2)5(19&+)f1\\(+'&\\\"9\\a)D82P\\Q\")3&F\\9\\\/\\&+\")?+\\@(1\\\'\_',)38+\\\$.,)^(618&1>)CH,) BHCj\\
- ` 5(19 &+) mcF = (1'%''(g)&+2)' . ()W1&%+Q)#0)' . ()E&Q . 2&2)&+2)7 (e&;)A&%/P&>''X) ! )Y%''8&/) ! \$\$#8+',)CdKdU CVCV,a)7 &1@&12) : (+'(1)0#1) 3 %22/()c&'''(1+)-'82%('')51&28&'()Z#14'' . #=,)W . () 3 %22/()c&''')E(>#+2) E#12(1'',) : &961%2Q(,) 3 !,) f \$'#6(1)BJ,)BHCBN
- $\begin{tabular}{ll} $$ mc81\&''\&+g)@''N)mf1\&(+'\&/g)!1\&.\&'($'81()#+)'.()E(1/\&+UE\&Q.2\&2)A\&\&/P\&>,a)5(19\&+)-'82\&('')!'''#$\&\&'\&#+) \\ !++8\&/)3(('\&+Q,)D#8\&''@\&//(,)-(='(96(1)Bj,)BHCCN) \\ \end{tabular}$
- `\*&9)L&'\\#+\\\)7(19&+)-i1Q(\/-'')!'\\&+'1\#=\&\)&+2)'.()5(\#=\#\\\'\\\$\&/\\R9&\Q\\+\&'\\\#+,a)!++8\&/)3(('\\+Q)\#0)'.()
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- `!) 3 (2\"(11\&+(\&+): \1\\$/(\X)</\&\\$(9\&4\\+Q)\\+)-(=.\&12\\\$)-\&/\#+\\\$\&,a) 3 \RWX)A("(\&1\\$.)\\+)<1\#Q1("",):\&961\\2Q(,) 3 !,) 3 \&1\\$.)J,)BHCC\\
- `-\$.\"9&'\\"\\Z\\/\\&9)E/&4(\")c\\Q.'.):\\1\\/()\\0)7(\/,a)L(P)c+Q/&+2):.&='(1)\\0)'.()-\\\\('\>)\\0) !1\\$.\\'(\\181\\6\)7\\"'\\1\\\\\+\8\\/)3(('\\+Q,)7\\10\\12)?+\\0(1\\\\\>,):\\0961\\2Q(,)3!,\\^(618\\1>)CB,) BHCC\\
- Z #12")&+2) 3 (&+%+QX)W.() Z 1%'%+Q)#0)'.() f/2)E1%2Q()#0) 3 #"'&1,a)? : D!) 5 1&28&'()-'82(+')->9=#"%9,) D#")!+Q(/(",) f \$'#6(1)Bj,)BHCHN
- `A&'; (/)&+2) 3 &\$T\$+2(1-")c81&"%&X)W. ()R++(1):1("\$(+')&+2)!1\$.\$'(\$'81&/)R2(+'\$'>,a)!++8&/)3(('\$+Q)#0)'. ()-#\$\$('>)#0)!1\$.\$'(\$'81&/)7\$"'#1\$&+",):.\$\$&Q#,)!=1\$/BB,)BHCHN
- `<1(0&61\\$\&'(2)^8'81(",a)L#1'.(\&"'(1+)?+\\@(1"\\'>,)<1(0\&61\\\$\&'(2)^8'81("):#+0(1(+\\$(,)E#"'#+)!=1\\/)j,) BHCHN
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7#9()3&2(X)^{6}()<(1''=(5'\%(0'')#+)<1(0&61\%&'\%++,a)''>9=\#''\%89,)W.()38''(89)#0)3#2(1+)!1',)f5'#6(1)
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7#9()*(/\\@(1>\): #+@(1\\\\+")P\\'.)A(\\\(1)?9(9\\\\,)3&16/()^\\\16&+4\\\\+2): \(\)+'(9=\(\)2)
                     ! 1\$.\%'(\$81()<1\&\$\%(a)1\#8+2'\&6/(a): (+'(1)0\#1)! 1\$.\%'(\$81(a)L(P)M\#14,)-(='(96(1)CK,)BHHdM)
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`*\\0+\\'>) 3 &''(1",a) 3 &"'\&$.8"(''')\R+"'\\'8'()\#0)\W($.+\#/\#0>,): & 9 61\\20(.) 3 !,)L\#@( 9 6(1)Cj,)B\Bj\\)
`-'&'()#0)'.()*%''$%=/\\+(,a)<.*)$#//#t8\\89,):#1+(//)?+\\@((1'\\))=1\(01\\89\\+)7\\''\\\10)\\11\.\\'(\$'81()\&+2)
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Y''''+QD(\$'81(,)Z.\%'9\&+):\#/(Q(,)Z\&//\&)Z\&//\&,)Z!,)f\$'\#6(1)Ci,)BHBBN)
E800\&/\#,a)L(P)M\#14 * ($\pmu1&\pmu1\&\pmu1\); (86,)L(P)M\pmu14,)-(='(96(1)BB,)BHBB\)
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<sup>• 3 &</sup>amp;==%+Q)%+)!1\$.%'(\$'81&/)7%"'#1>,•)!1\$.%'(\$'81&/)!""#\$%&'\%#+,)D#+2#+,)f\$'#6(1)BJ,)BHCV\)

- $\begin{tabular}{l} $`A(UE8\%/2\%+Q)'.() 3\#2(1+)7\#8"()\&') 3\#3 ! \&) & () : \&"()\#0)7\#9() * (\%@(1>,a) & !) 7\&9681Q)^*\#189,)]8/> \\ BB,BHHVN \\ \end{tabular}$
- $-4Q+(2,)-(&/(2,)*(/4@(1(2,\bullet)W.()38"(89)#0)3#2(1+)!1',)L(P)M#14,)-(='(96(1)BB,)BHHdN)$
- `W.()-=&+\\".)^/#1("\$(+\$(,a)<1(@\\#):81"\#)D(\$'81(",):€'(21\&)D8\\")E&11\&Q€+,)W(\$+\\"/vQ\\\$\\#)2() 3 \\ +'(11(>,) f \\$'\\#6(1)Cj,)BHHK\\"

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                        U)*("V0+V4+V9)'.()! 9(1V5&+):V7-V7/BHCH)[!/(F)T1V8(Q(1,)?+2(1Q1&28&'(V1))
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                                                 &)'(&9)#0)CH)1("(&1$.)&""\"\"\&+\")&+2)\mathbf{i})=1#28$'\\#+\\"\\&00\\
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                cF'(1+&/)A(@\(P(1,)E37\\%5\8'34'.2, '!36\$, .9'34':\\#62\$, .6.7\\#5\8'O\$-.3\\\$5\%-\@'
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                L#9\%+\&'#1,)3\&$!1'.81)^(//#P''.\%=)$#9=('\%\#+)n$#+0\%2(+'\\&/)#8''\%2()'.\%''):Y)$#+'(F'o)
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                BHBCUBB)
                E##4)A(@\(P")c2\\'#1,):#62\$.,6.7\#58'O\$-.3\#\$,-'
BHBCU=1("(+') 5#@(1+\(\mathbb{H}\)E#&12,)G\(\S\)58, 6.\(\S\)6/'E37#\(\S\)58'34'.2, '!6233\(\S\)34': #62\(\S\), 6.7#, \(\B'\)Y\(\S\)1, #-\(\S\)9'34'Y.52\(\S'\)
                cF'(1+&/)A(@\(P(1,)J\%.,#\%5.\$3\%5\8'E37\#\\\5\8'34'G\$\&\$.5\8':\#.'O\$-.3\#9\!!
BHBC)
                cF'(1+\&/)A(@%(P(1,)R''1\&(/)-\$%(+\$()^{#}8+2\&'%#+N)
BHBC) )
BHBC) )
                !2@\%"#1>): #8+\%\%, -\%<('(1g"): .81$.)A($#@(1>)<1#e($'\)
                cF'(1+\&/)A(@\%(P(1,)A("(\&1\$.)51\&+""): \#8+\$\%/\#0)7\#+Q)T\#+Q)
BHBC) )
BHBC) )
                cF'(1+&/)A(@\(P(1,)E37\\%5\8'34'.2, '!36\$, .9'34':\\#62\$, 6.7\\#5\8'O\$-.3\\\$5\%-\@)
BHBC) )
                cF'(1+&/)A(@\(P(1,)E37\\%58'34'P\\%5\\~''3\\.'O\\$-.3\\\9\\)
BHBH) )
                cF'(1+&/)A(@\(P(1,)O\$-.3\#9'34'!6\$,\%6,'
BHBH) )
                3 \& +8"$1\%=')A(@\%(P(1,)<(++)-'\&'()<1(""\%))
BHBH) )
                cF'(1+\&/)A(@%(P(1,)-P%''')L\&'\%#+\&/)-$%(+$()^#8+2\&'\%#+N)
```

! "!#,!"! ! !

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 ]\#+\&' .\&+) : \&'/\%+)[<1\%+\$('\#+)?+\%@(1'\%'>\backslash) \\ A\%\$ .\&12)^\&2\#4)[ 3 RW)1)?+\%@(1''\%'>)\#0)<(++''>/@&+\%\&\backslash) \\ '' \\ H\#\$=5\#9'; 36.3\#58'5; 1\$-\$\%\&X) \\ )\\ ]8/\%\&)W8/4(
```

! "!##!"! !

BHCCU=1("(+') : #//(Q()!1')!""#%&'%#+)

BHBHUBHBB) ! 9 (1\%\&+) ! ""#\%\&'\\#+)\#0) ? +\\@(1\\\'>)<1\#0(\"\#1\"

BHCCUBHCV) \* f : f 3 f 3 f

BHCjUBHCV) ! ""#\$%&'\\#+\)0#1)! "\\&+\)- '82\\("

 $BHCIUBHCV) \qquad 5 ! 7W :) [5/\#6\&/) ! 1\$ . \%'(\$'81\&/)7\%'''\#1>) \& +2) W . (\#1>) : \#//\&6\#1\&'\%@(,)P\#14\%+Q)Q1\#8=)P\%'.$ 

R'#. &+) f"&> \$9 P("()nE1#P+)? + \$@(1"\$'>0,) 3 1\$ + &/\$ + \$) A &e &Q#=&/&+)n? + \$@(1"\$'>)#0)

! "!#\$!"! !

```
)
!$])(*\|/R\|$''*''.$)&\|(+#''$''*#*
```

 $\begin{array}{l} \text{CV'.} \& + 2) \text{BH'.} \& + (+'81>) \& + (+'81>) \& + (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81>) & (+'81) & (+'8$ 

! "!#%!"! !