

aBbi2K /2 L p2; +BfM mifMQK +QM _Pak v

C2z2'bQM S mH * Bx C KB

S #HQ : ' M2HH _Q#H2b

RX P#D2iBpQb S'BM+BT H2b

1Hi' # DQ b2 2bi'm+im' 2Mi'2bi'2 b[m2+'2 MmM bBbi2K /2 M

RX T2Q /2H 2MiQ'MQ*U2 '2mMyK,T /2H + b bBKmH / miBHBx M
kXa2'pB+BQ /2 +QK M/Qb /2 M p22b+B'QM Hm2M B2',pB+BQ _Pak [
+QK M/ ' H'Q#Qi [m2? ; T i'mHH D2TQ'H + b Q[m2 pm2H
jX"9b[m2/ /2Hi2bQ'Q +QM T i'AnKHTHH 2DK22 MHi "2mM V,QKTO'i KB2MiC
/2 #9b[m2/ v M p2; +BfM ? +B mM ói2bQ'Qô# b /Q 2M H BM7

kX 1bi'm+im' /2H aBbi2K

kXR P'; MBx +BfM /2H S'Qv2+iQ

1Mi'2; #H2@ _Pf

%@ b'+f O * /B;Q 7m2Mi2

% % @ b2'pB+BQn+QK M/Qb fS [m2i2 h '2 R

% % % @ b2'pB+BQn+QK M/Qbf

% % % @ b2'pB/Q'n+QK M/QbXTv

% % % @ +HB2Mi2n+QK M/QbXTv

% % @ #mb[m2/ ni2bQ'Qf O S [m2i2 h '2 k

% % % @ #mb[m2/ ni2bQ'Qf

% % % % @ #mb[m2/ nMQ/QXTv

% % % @ +QM7B;f

% % % @ im'iH2#QijnT ' KbXv KH O S '{K2i'Qb /2H 'Q#Qi

% % % KBMBK HnB2Mi2'7 +Q bAfMi2'7 +2b T2'bQM HBx / b

% % % @ b'pf

% % % @ *QK M/QL p2; +BQMxb'p O .27BMB+B M /2H b2'pB

% % @ KBMBK HnB2Mi2'7 +Q bAfMi2'7 +2b T2'bQM HBx / b

% @ K T bf O J T b ;2M2' /Qb

% % @ + b nK TXT;K

% % @ + b nK TXv KH

% @ b+'BTibf

O a+'BTib /2 miQK iBx +B M

% @ b2imTn2MpXb?

O *QM7B;m' +B M /2H 2MiQ'MQ

% @ T bQRn; x2#QXb?

O G Mx KB2MiQ /2 : x2#Q

% @ T bQknbH KXb?

O G Mx KB2MiQ /2 aG J

% @ T bQjnM pXb?

O G Mx KB2MiQ /2 L pk

% @ T bQ9n'pBXXb?

O G Mx KB2MiQ /2 _oBx

%@ T bQ8nK T Xb? O :m '/ /Q /2H K T
 %@ ; x2#Qn+HB2Mi2Xb?O G Mx KB2MiQ /2 H BMi2'7 x /2 ; x2
 %@ 2D2+mi 'niQ/QXb? O a+'BTi +QKTH2iQ T ' h '2 R
 %@ 2D2+mi 'niQ/QkXb? O a+'BTi +QKTH2iQ T ' h '2 k

jX h '2 y, J T2Q /2 H * b

jXR P#D2iBpQ

:2M2' 'mM K T k. /2H 2MiQ'MQ bBKmH /Q /2 H + b miBHBx M/Q
 Gm2;Q 2/Bi '2H K T bB 7m2' M2+2b 'BQ T ' HBKTB 'HQ v /2D 'H

jXk S'Q+2bQ /2 J T2Q

1D2+m+BfM /2H 2;Q M2+2bBi KQb 2D2+mi '2H b2'pB/Q' /2 : x2
 mb M/Q 2HX+fQk 'BTiQ fT bQRn; x2#QXb?

1D2+m+BfM /2H 2;Q M2+2bBi KQb BMB+B '2H T'Q+2bQ /2 aG J T '
 v [m22H 'Q#Qi b2 TnX2b+'nB#Bb fT +bQn nbH KXb?

1D2+m+BfM /2H 2;Q ki2M2KQb [m2 BMB+B '2H bi +F /2 M p2; +BfM
 /m' Mi2 H 2tTHQ' +BfM v [m2 bQ b2 Xfb+b2 Mi bBTHbQj2MQp'Xb?H +

1D2+m+BfM /2H 2;Q M2+2bBi KQb _oBx T ' pBbm HBx '2H T'Q+
 bB TQ/2' b2H2++BQM 'HQb XfbMi bBib2T2 bTHQn'p+BxfM?QM

LQb b2;m' '2KQb /2 [m2 2H 'Q#Qi 2tTHQ'2iQ/ H + b bB;mB2M/O

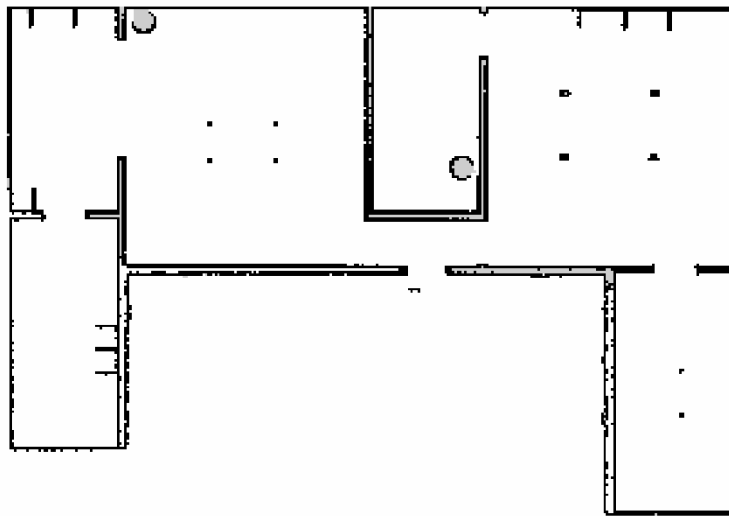
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 ' J9HiBTH2b T b / b TQ'p 'B b? #Bi +BQM2b T ' '2/m+B'2H'm

:m '/ /Q /2H J T

IM p2x +QKTH2i / H 2tTHQ' +BfMi2M2KQb [m2 ;m '/ '2H K T ;
 Xfb+'BTibfT bQ8nK T Xb?

1biQ ;2M2' /Qb+'b?nBpTb,TaK,;2M /2H K T 2M 7Q'K iQ S:J U2b+ H
 + b nK TXvJ2iH/ iQb /2H K T +QM T ' K2i'Qb /2 +QM};m' +BfM

jXj S ' K2i'Qb v K T 6BM H



6B;m'D R, ;2M2' /Q /2H + b

BK ;2- b nK TXT;K
KQ /2'BM 'v
'2bQHm iyBQM O 8 +K TQ' TLt2H
Q'B;B (M 3 X-dNe X-9y) O SQbB+B M /2H Q'B;2M 2M K2i'Qb
Q++mTB2 /,ny X'e2b? IK#' H T ' +2H/ b Q+mT / b
7'22ni?,'2bK8 O IK#' H T ' +2H/ b HB#'2b

jX9 S'Q#H2K b 1M+QMi' /Qb v aQHm+BQM2b

S'Q#H2KJ R, BMB+B H Kmv T2[m2CQ

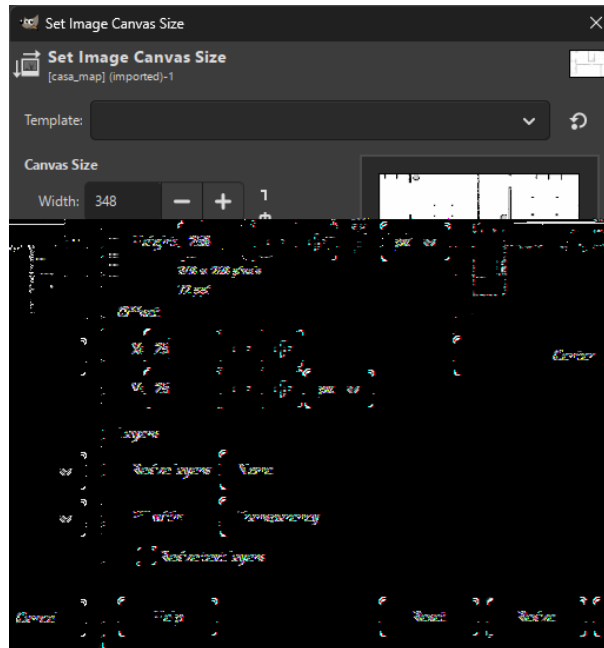
' * mbG, b xQM b /27m2' MQ b2 2tTHQ' # M

' aQHm+BfmB,i2b +QM :AJST ' KTHB '2Hi K CQ /2H K T

S'Q#H2KS k'2/2b MQ +QKTH2i b v xQM b ;'Bb2b

' * mb_,mB/Q 2M 2H aG J

' aQHm+BfmB,i2 K Mm H 2M :AJST ' HBKTB '2H K T v b2;m' ' T



6 B ; m ' 2 Q K K , M / Q m i B H B x / Q 2 M : A J S T ' m K 2 M i ' 2 H i K ¢ Q

9 X h ' 2 R , a 2 ' p B + B Q / 2 * Q K M / Q b / 2 L p 2 ; + B f M

9 X R P # D 2 i B p Q

. 2 b ' ' Q H H ' m M b 2 ' p B + B Q _ P a k [m 2 T 2 ' K B i 2 M p B ' + Q K M / Q b / 2 M
T H 2 D B / / / 2 H b i + F L p k X G B K T H 2 K 2 M i + B Q M B M B + B H B M + H m v 2

9 X k . 2 } M B + B f M / 2 H a 2 ' p B + B Q

a 2 + ' 2 f m M B M i 2 ' 7 * Q K 2 M b Q M p H B ; x + B Q M X b ' p

O a Q H B + B i m / / 2 H b 2 ' p B + B Q
b i ' B M ; + Q K O M 3 Q i ' m H H '] Q] : Q h Q 1 t B i]

O _ 2 b T m 2 b i / 2 H b 2 ' p B + B Q
Q Q 2 H t B i Q
b i ' B M ; K 2 M b D 2

9 X j A K T H 2 K 2 M i + B f M / 2 H a 2 ' p B / Q '

1 b i ' m + i m ' / 2 H a b 2 2 ' p p B // Q ' H + Q K M / Q b X T v

+ H b a 2 ' p B / Q ' * Q K M / Q b U L Q / 2 V ,
/ 2 7 n B M b i 2 M ,
b m T U 2 V n B M B i m 2 ' p B / Q ' n + Q K M / Q b ^
O * ' 2 ' 2 H b 2 ' p B / Q ' _ P a k T ' ' 2 + B # B ' H Q b + Q K M / Q b
O A M B + B H B x 2 H M p B ; i Q ' L p k T ' + Q M i ' Q H / 2 H ' Q # Q i

* QK M/Qb AKTH2K2Mi /Qb

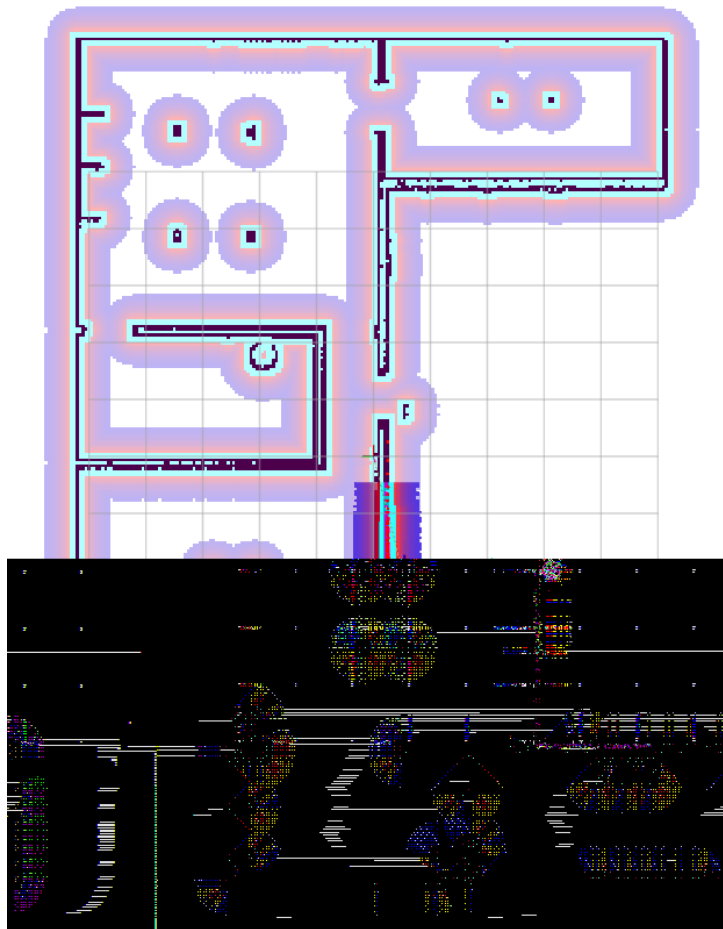
R~~X~~ HB \angle 2,iQ'MQ HQ'B;2M

- L p2; mMTmMiQ 2bi #H2+B/Q DmbiQ 7m2' /2 H Tm2'i
- SmMiQ /2 '272'2M+B +QM+Q+B/Q

kXS i'mH~~B~~ i;mHH D2 +QM iBMmQ TQ' r vTQBMib T'2/2}MB/Qb

- *B+HQ BM}MBiQ TQ' TmMiQb T'2/2}MB/Qb

- a2 /2iB2M2 +m M/Q 2H +HB2Mi2 /2D /2 K M/ '2H +QK M/Q



6B;m'D J, +QM aG J 7mM+BQM M/Q

'#QH /2 /2+BbBQM2b /2 HQb +QK M/Qb

/27 QK M/Qn+b~~B~~H#2{m~~U~~bi- '2bTQM b2V,
XXX

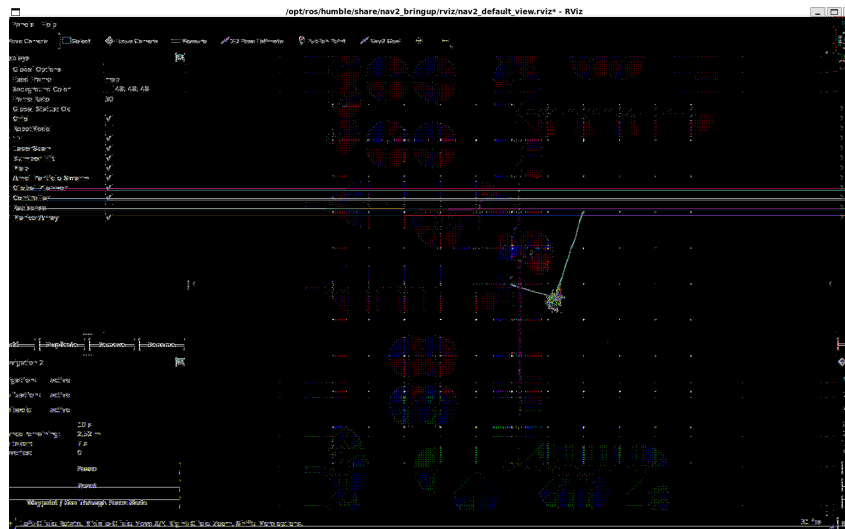
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B7'2[m2biX+QK] M/QnH,H ']

'2bTQM b2X2tBiQ- '2b4~~Q~~2M~~7~~X'Kn2H~~H~~b 'D~~X~~

2HB2[m2biX+QK]:M/KQ1,tBi]

'2bTQM b2X2tBiQ- '2b4Q2M2'XKQMBD/2UV
XXX



6B;m'2QK, M/Q a HB/

9X9S'Q#H2K b1M+QMi' /Qb v aQHm+BQM2b

S'Q#H2K*QK M/QS i'mHH 'T' # i' b mM Bi2' +BfM

' * mbL,Q b2 ;2biBQM # 2H +B+HQ +QM iBMmQ

' aQHm +ABK/TMH,2K2Mbi2H-7X;T i' mvH#Hm MH Q BM}M BiQ

S'Q#H2KS mMiQb /2T i'mHH D2Qb HB/ BM+Q''2+iQb

' * mbS,mMiQb /2b+QHQ+ /Qb 2M # b2 HK T

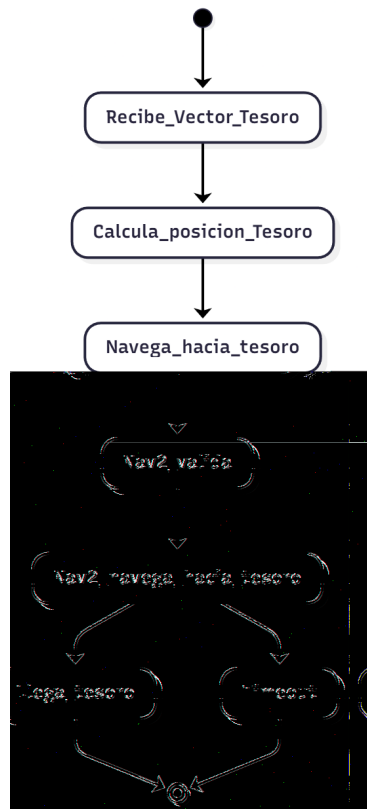
' aQHm +BfM,i2K Mm H /2 +QQ' /2M / bi' bT'm2# b

8Xh '2 k, "9b[m2/ /2H h2bQ'Q +QM S i'mHH D2

8XR P#D2iBpQ

.2b ''QHH 'mM MQ/Q mifMQKQ [m2 #mb+ mM ói2bQ'QôTQ' /2Mi'Q
/2Ny b2;mM/QbX S ' 2HHQ H22H BM7Q'K +BQM /2H MQ/Qni2bQ'
HQ+ HBx 'HQ v +2'+ 'b2 2HX

_2bmK2M /2H aBbi2K



6 B ; m ' . 2 B 8 ; , ' K / 2 2 b i / Q b

8 X k 1 b i ' i 2 ; B / 2 " 9 b [m 2 /

H ; Q ' B i K Q / 2 . 2 i 2 + + B f M

1 H i 2 b Q ' Q b 2 + H + m H + Q M H Q b b B ; m B 2 M i 2 b T b Q b ,

' a 2 + H + m H H T Q b B + B Q M + i m H / 2 H ' Q # Q i

' a 2 ' 2 + B # 2 2 H p 2 + i Q ' / 2 / B b i M + B / 2 H i 2 b Q ' Q v b 2 ; m ' /

' a 2 b m K 2 H p 2 + i Q ' / 2 / B b i M + B H T Q b B + B f M / 2 H ' Q # Q i T ' Q

G T Q b B + B Q M / 2 i 2 b Q ' Q T ' Q t B K / b 2 ' H T Q b B + B f M / 2 H ' Q # Q i K

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Busqueda autonoma del tesoro

Presiona ENTER para iniciar la búsqueda autónoma...

Iniciando nodo de búsqueda autónoma...
[WARN] [1762775996,162833027] [ro1]: Found remap rule 'use_sim_time:=True'. This
syntax is deprecated. Use '--ros-args --remap use_sim_time:=True' instead.
[INFO] [1762775996,864663760] [busqueda_tesoro]: === INICIANDO BÚSQUEDA DEL TESORO ===
[INFO] [1762775996,911343178] [busqueda_tesoro]: Búsqueda del tesoro ACTIVADA
[INFO] [1762776001,976924068] [busqueda_tesoro]: Tiempo restante: 85s | Esperando
coordenadas del tesoro...

```

$$6B; m'_{22e}, 2T + BQM / 2 * QQ' / 2M / b / 2H i 2 b Q'Q$$

```

Publicador de Tesoro

Presiona ENTER para iniciar el publicador del tesoro...

Iniciando publicador del tesoro...
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$$6B; m'_{2M} p BQ / 2 + QQ' / 2M / b / 2H i 2 b Q'Q$$

$$8Xj + 2' + KB2MiQ H h 2 b Q'Q$$

$$IM p 2 x b 2 ' 2 + B \# 2 BM7Q'K + BQM b Q \# ' 2 2 H i 2 b Q'Q,$$

$$RX^* H + mHQ / 2 TQbB \{ i B f H B x H @ \# HT' HQ + HBx' 2H'Q \# Qi 2M 2H K$$

$$kXL p 2; + B f M ? + B 12M \pi i Q b @ M Q; Q H L p k + QM H TQbB + B f M 2 b i B$$

$$jXJQM BiQ'2Q + QLM p B M m @ 2; m i f M Q K K 2 Mi 2 ? + B 2H i 2 b Q'Q - 2 p$$

$$TH MB \} + M / Q m i Q K i B + K 2 Mi 2 H ' m i X$$

$$9 \# 2 b Q'Q, i 2 b Q'Q b 2 + QM b B / 2 ' 2 M + QMi' / Q H 2 b i ' I y X 8 K / 2 H$$

$$8Xe S'Q \# H 2 K b 1 M + QMi' / Q b v a Q H m + BQM 2 b$$

$$S'Q \# H 2 KS'Q, \# H 2 K b b B 2H i 2 b Q'Q 2 b i \# / 2 Mi'Q / 2 H + b$$

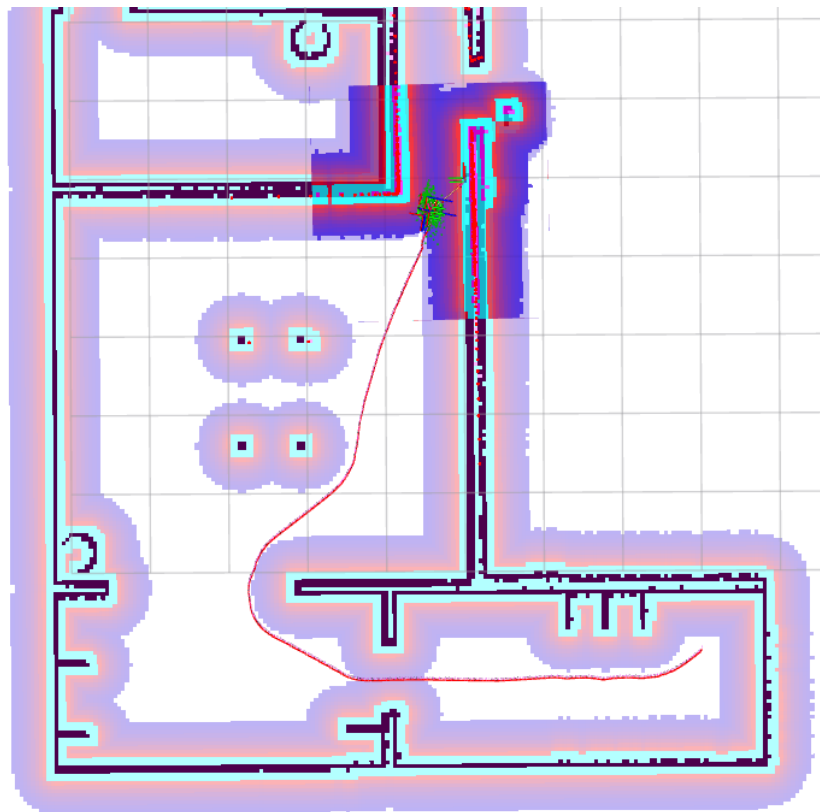
$$' * m b 1, H i 2 b Q'Q T m 2 / 2 T ' 2 + 2' / 2 Mi'Q / 2 H + b v T m 2 / 2 ? \# 2' T$$

' aQHm+IBfMBx ' L pk 2M p2x / 2 KQp2' / B'2+i K2Mi2 2H 'Q#Qi T ' 'mi b / 2 L pk

S'Q#H2K_Q#QiMQTQ/B M p2; 'TQ'7m2' / 2 H + b

' * mbL,Q ? #B bm}+B2Mi2b + ' +i2'BbiB+ b 2M 2H K T T ' [m2

' aQHm+JBofMB}+ ' HQb Dmbi2b / 2H aG J T ' K2DQ' ' H HQ+ HBx 2M 2ti2'BQ'2bX



6 B ; m ' . 22 3 2 + + B f M / 2 H i 2 b Q ' Q 2 M _ o B x

eX a+'BTib / 2 miQK iBx +BfM

S ' 7 +BHBi ' H 2D2+m+BfM v T'm2# b / 2H bBbi2K - b2 / 2b ''QH H Mx KB2MiQ / 2 +QKTQM2Mi2bX

eXR a+'BTib S'BM+BT H2b

b2imTn2M pXb)?,m' 2H 2MiQ'MQ _Pak v b2 miBHBx / 2 K M2' mtBH

T bQRn; x2@QM b?: x2#Q +QM 2H KmXM b@'B iHbfT bQRQ;Mx2#QXb?

T b Q k n b H A K X B ? B a G J T ' X f b T + 2 B T + Q M b Q k n b H K X b ?

T b Q j n M, p X M x 2 H b i + F / 2 M p X 2 f; b + B B / T M b L f T p k b Q r M M p X b ?

T b Q 9 n ' p, B G X M x _ o B x T ' p B b X m f b H B B T i + B f / T M b + Q Q M ' p B x X b ?

T b Q 8 n K, T: m X b ? 2 H K T ; 2 M f 2 b ' + / B T + Q M b Q 8 n K T X b ?

2 D 2 + m i ' n i Q a / + Q B X B ? K 2 b i ' Q [m 2 H M x i Q / Q 2 H b B b i 2 K M 2 + 2 b ' B Q T
2 H r Q ' F b T + 2 M i 2 b / 2 H M x ' i Q / Q X S ' b 2 ; m ' ' b 2 / 2 [m 2 2 H b 2 ' p
a G J v L p k - B M + H m v 2 m M # ' ' 2 ' [m 2 b 2 b Q # ' 2 T b T m H b M / Q 1 L h

2 D 2 + m i ' n i Q a / + Q B X B ? K 2 b i ' Q [m 2 H M x i Q / Q 2 H b B b i 2 K M 2 + 2 b ' B Q T
2 H r Q ' F b T + 2 M i 2 b / 2 H M x ' i Q / Q X S ' b 2 ; m ' ' b 2 / 2 [m 2 2 H b 2 ' p
a G J v L p k - B M + H m v 2 m M # ' ' 2 ' [m 2 b 2 b Q # ' 2 T b T m H b M / Q 1 L h

d X * Q M } ; m ' + B f M v S ' K 2 i ' Q b

d X R * Q M } ; m ' + B f M / 2 H _ Q # Q i

i m ' i H 2 # Q i j n T ' K b X v K H

```
' Q # Q i
O . B K 2 M b B Q M 2 b 7 L b B + b / 2 H r 7 7 H 2
' / B m y b X k k y
r ? 2 2 H n # y X b k 2 3 d

O G L K B i 2 b / 2 p 2 H Q + B / /
K t n H B M 2 y n p 2 H
K t n M ; m H R n p 2 H

O S ' K 2 i ' Q b / 2 + 2 H 2 ' + B M
H B M 2 ; n k X +
M ; m H ; n j X k +

O S ' K 2 i ' Q b / 2 H b 2 M b Q ' H { b 2 '
H b , 2 '
K B M n ' , M X 2 k
K t n ' , M j ; X 2 8
K B M n , M @ , J X 2 9 R 8 N
K t n M j H 2 9 R 8 N
b K T H 2 e y
```

d X k S ' K 2 i ' Q b / 2 L p 2 ; + B f M

M p k

O S H M B 7 B + / Q ' / 2 ' m i

T H M , M 2 '

T H m ; B M p k n M p 7 M n T H M M 2 ' f L p 7 M S H M M 2 ']

i Q H 2 ' , M y X 2

m b 2 n , b 7 ' H b 2

O * Q M i ' Q H / Q ' / 2 i ' v 2 + i Q ' B

+ Q M i ' Q H H 2 '

T H m ; B M p k n ' 2 ; m H i 2 / n T m ' 2 n T m ' b m B i n + Q M i ' Q H H 2 ']

/ 2 b B ' 2 / n H B M y 2 X k 6 p 2 H

K t n H B M 2 , ' h X 6 + 2 H

H Q Q F ? 2 , / y X 6 b i

O G Q b K 2 + M B b K Q b / 2 ' 2 + m T 2 ' + B M + m M / Q 2 H ' Q # Q i b 2 [m 2 / ' 2 + Q p , 2 ' v

@ b T B M

@ # + F m T

@ r B i

N X * Q M + H m b B Q M 2 b

1 H T ' Q v 2 + i Q ? + m K T H B / Q b i B b 7 + i Q ' B K 2 M i 2 i Q / Q b H Q b Q # D 2 i B p

1 M H h ' 2 y - b 2 ; 2 M 2 ' f m M K T / 2 H + b m i B H B x M / Q a G J - [m T Q b i 2 ' B Q ' 2 b X 1 M H h ' 2 R - b 2 B K T H 2 K 2 M i f m M b 2 ' p B + B Q / 2 + Q K H D 2 b v ' 2 ; ' 2 b ' H b H B / / 2 K M 2 ' m i f M Q K X 6 B M H K 2 M i 2 - 2 M # 9 b [m 2 / / 2 H i 2 b Q ' Q [m 2 / 2 K Q b i ' f H + T + B / / / 2 H ' Q # Q i T ' M p B M 7 Q ' K + B f M ' 2 + B # B / X

h Q / b 2 b i b B K T H 2 K 2 M i + B Q M b 7 m M + B Q M M / 2 K M 2 ' ' 2 b B b i 2 M i 2 M M / Q 2 ' ' Q ' 2 b + Q K m M 2 b X

M 2 t Q b

X * Q K M / Q b / 2 1 D 2 + m + B f M

_ 2 p B b ' 2 H _ 1 . J 1 X K / T ' B M b i ' m + + B Q M 2 b / 2 i H H / b / 2 B M b i H .