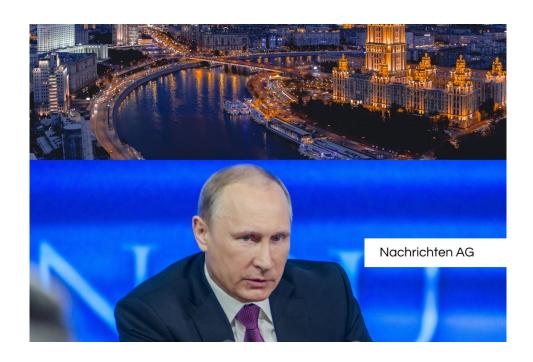


jYfghÀf_h"

Ni [Ybh[`Y]gi b[']b 6f^Ubg_. 6fØW_Yb! 9]bghi fn ZcfXYfh XfY] A YbgW Yb`YVYb°

 \pm 0.6f'Ubg_ž'Fi gg`UbXž'Ybh[`Y]ghY 'Y]b'DYfgcbYbni ['bUW\ 'XYa 9]bghi fn 'Y]bYf'6fØW_Y"'8fY]'HchY'i bX'j]Y`Y'J Yf`YhnhY'g]bX'ni VY_`U[Yb"



6f^Ubg_ž·Fi gg`UbX:!: \(\) XYf k Yghfi gg]gW\Yb FY[]cb 6f^Ubg_']gh Yg'\Yi hY 'ni 'Y]bYa 'hfU[]gW\Yb 'J cfZU```[Y_ca a Ybž'VY]'XYa 'Y]bY GhfU\(\) YbVfØW_Y 'Y]b[YghØfnhi]gh"'8 Yf '9]bghi fn 'ZØ\fhY 'XUni ž'XUgg'Y]b DYfgcbYbni ['Ybh[`Y]ghYž'k Ug'j Yf\YYfYbXY': c`[Yb'\UhhY"'8 Yf ci j YfbYi f'5 Yl UbXYf'6c[ca Ug'VYghÀh][hY'ØVYf'HY`Y[fUa ž'XUgg Yg'CdZYf'ni 'VY_`U[Yb'[]Vh"'@Ui h'XYa ?UhUghfcd\YbgW\i hna]b]ghYf]i a 'g]bX'a]bXYghYbg'XfY]'A YbgW\Yb [YghcfVYb'i bX'\&, 'k Y]hYfY'k i fXYb'j Yf`Yhnh"'8 Yf'Ni ghUbX'XYf JYf`YhnhYb'j Uf]]Yfhž'k Ug'X]Y'8 fUa Uh]_'XYf'G]hi Uh]cb'ni gÀhn`]W\

8]Y'l a ghÀbXY'XYg'l b[`ØW_g'g]bX'VYgcf[b]gYffY[YbX"'6Yf]W\hYbni Zc`[Y'[]b['XYa '6fØW_YbY]bghi fn'Y]bY'9l d`cg]cb'j cfUi g"'8Ug

9]gYbVU\bibhYfbY\a Yb'[UV'Ubž'XUgg'Yg'g]W\ia 'Y]bYb
[YgYhnk]Xf][Yb'9]b[f]ZZ']b'XYb'HfUbgdcfhj Yf_Y\f '\UbXY`h''8]Yg
XYi hYh'XUfUi Z'\]bž'XUgg'a Ò[`]W\Y'GUVchU[YU_hY']b'9fk À[i b[
[Ync[Yb'k YfXYbž'k Ug']a '?cbhYl h'XYg'`Ui ZYbXYb'i _fU]b]gW\Yb
K]XYfghUbXg'[Y[Yb'XYb'fi gg]gW\Yb'5b[f]ZZg_f]Y['ghY\h''8Yf
9]bghi fncfh'VYZ]bXYh'g]W\'Yhk U', \$'?]`ca YhYf'j cb'XYf'i _fU]b]gW\Yb
; fYbnY'YbhZYfbh''

?cbhYlh'XYg'JcfZU``g

8 Yf J cfZU``hfÀ[h'ni f'Ub\U`hYbXYb'6Ygcf[b]g'\]bg]W\h`]W\'XYf
G]W\Yf\Y]h'XYf \DZfUghfi _hi f']b'Fi gg`UbX'VY]" \DgVYgcbXYfY'X]Y
A O[`]W_Y]h'j cb'GUVchU[YU_hYb'Xi fW\'i _fU]b]gW\Y
; Y\Y]a X]YbghYž'X]Y'fY[Y`a À»]['5bgW\`À[Y'Ui Z'fi gg]gW\Ya
HYff]hcf]i a 'Ui gZØ\fYbž'k]fX'j cb'j]Y`Yb'9I dYfhYb'U`g
Yfbghni bY\a YbXYg'F]g]_c'Y]b[Yghi Zh"'8]YgY'G]hi Uh]cb'Ybhk]W_Y`h
g]W\'j cf'XYa '<]bhYf[fi bX'Y]bYg'?cbZ]_hgž'XYf'gY]h'ØVYf'XfY]
\U\fYb'UbXUi Yfh"

: cfXYfi b[Yb ni f =bZfUghfi _hi fj YfVYggYfi b[

6Ò_Ua d'ZcfXYfh'Y]bY'gW\bY``Y'; YbYfU`gUb]Yfi b['X]YgYf'6fØW_Ybži a 'dchYbn]Y``Y'; YZU\fYb'ni 'a]b]a]YfYb"'5_hi Y```[]Vh'Yg'YXcW\lb_`Uf\Y]hYb'ØVYf'X]Y'[YbUi Y'5bnU\`'XYf'VYhfcZZYbYb'6fØW_YbUi Z[fi bX'j YfgW\]YXYbYf'9][YbhØa Yf"'K À\fYbX'X]Y'Ni ghÀbXY'VY]5i hcVU\bVfØW_Yb'i bX'6fØW_Yb']a '6Yg]hn'XYf'@ÀbXYf'VY_Ubbhg]bXž'ZY\`Yb'XYhU]``]YfhY'\DZcfa Uh]cbYb'ØVYf'ghÀXh]gW\Y'i bX_ca a i bU`Y'6fØW_Yb"

8]Y'6fØW_Ybg]hi Uh]cb'j YfXYi h`]W\h'b]W\h'bi f'X]Y'8f]b[`]W_Y]h
Ub[YdUgghYf'G]W\Yf\Y]hga U»bU\a Yb']b'Fi gg`UbXž'gcbXYfb'Ui W\
]b'8Yi hgW\`UbXž'k c'hfchn'U``Yf'6Ya Ø\i b[Yb'Y]bY'k Y]hYfY
?UhUghfcd\Y'b]W\h'Ui g[YgW\`cggYb'k YfXYb'_Ubb"'=b'6f'Ubg_
gYbXYh'XYf'hfU[]gW\Y'JcfZU``'Y]b'Y]bXf]b[`]W\Yg'G][bU`'ZØf'U``Y
@\AbXYfz'X]Y'a]h'\A\b`]W\Yb'=bZfUghfi _hi fdfcV`Ya Yb'_cbZfcbh]Yfh
g]bX"'8]Y'<YfUi gZcfXYfi b[Yb'g]bX'gck c\``Y]b'bUh]cbU`Yg'U`g'Ui W\
Y]b']bhYfbUh]cbU`Yg'DfcV`Ya "

8 Yf'9]bghi fn']b'6f'Ubg_']gh'gca]h'b]W\h'bi f'Y]b'`c_U``VY[fYbnhYg 9fY][b]gž'gcbXYfb'k]fZh'Ui W\': fU[Yb'ni f'U``[Ya Y]bYb'G]W\Yf\Y]h i bX'6Y`UghVUf_Y]h'j cb'+bZfUghfi _hi fYb'Ui Zž'gck c\`']b'Fi gg`UbX'U`g Ui W\']b'UbXYfYb'@\AbXYfb'k]Y'8 Yi hgW\`UbX"

: $\emptyset f'k Y]hYfY'8YhU]`g'\emptysetVYf'XYb'JcfZU```]b'6f'Ubg_ž'`YgYb'G]Y'V]hhYXYb'5fh]_Y``Ui Z'HU[Yggd]Y[Y``cXYf'Ui Z'GWk ÀV]gWXY''8]Y]bZfUghfi _hi fY``Yb'<YfUi gZcfXYfi b[Yb']b'8Yi hgWX`UbX'YfÒfhYfhUi gZ<math>\emptyset$ \f`]WX'8]Y'DfYggY''

8 YhU]`g	
JcfZU``	9]bghi fn
I fgUW Y	9l d`cg]cb
Cfh	6f′Ubg_žFigg`UbX
J Y f`Y hnhY	&,
EiY``Yb	k k k "hU[Yggd]Y[Y`"XYk k k "gWk UYV]gWkY"XYk k k "X]YdfYggY"Wca

6Ygi WXYb G]Y i bg Ui Z b!U["bYh