

One Grump's Search for  
the Happiest Places in the World

THE GEOGRAPHY OF

*Bliss*

ERIC WEINER

Correspondent,

National Public Radio



Eqr { tki j vÍ "422: "d{ "Gtle"Y gkpgt  
Cm'tki j w'tgugtxgf 0Gzegr v'cu'r gto kwgf "wpf gt'yj g"WUUEqr { tki j v'Cev'qh'3; 98."pq  
r ctv'qh'yj ku'r wdrlecwqp"o c{ "dg'tgr tqf wegf ."f kwtldwgf ."qt"tcpuo kwgf "kp"cp{ "hqt  
qt"d{ "cp{ "o gcpu."qt"uqrgf "kp"c"f cwcug"qt"tgtkgxcnlu{ ugo ."y kj qw'yj g'r tkqt  
y tkwgp'r gto kuukqp"qh'yj g'r wdrkuj gt0

Vy gmg  
J cej gwg"Dqqm'I tqwr "WUC  
459"Rctm'Cxgpwg  
P gy 'I qtm'P[ "32239

Xkuk'qwt"Y gd'ukg"cv"[y y y 0 cej gwgDqqm'I tqwr WUC@go 0](#)

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Vj g'Vy gmg'pco g'cpf "mqi q'ku'c"tcf go ctm'qh'IJ cej gwg"Dqqm'I tqwr "WUC."Kpe0

Hktuv'gDqqm'Gf kkp<"Lcpwct{ "422:  
KUDP/35<, 9: /2/668/73329/2

# Eqpwgpw

[Kptqf wekqp](#)

[Ej cr vgt'3<'VJ G'P GVI GTNCP F U<'J cr r kpguu'Ki'c'P wo dgt](#)

Ej cr vgt'4<'UY K\ GTNCP F <'J cr r kpguu'Ki'Dqtgf qo

Ej cr vgt'5<'DJ WCP <'J cr r kpguu'Ki'c'Rqrk{

Ej cr vgt'6<'SCVCT<'J cr r kpguu'Ki'c'Y kppkpi 'Nqwt{ 'Vlengv

Ej cr vgt'7<'KGNCP F <'J cr r kpguu'Ki'Hckwtg

Ej cr vgt'8<'O QNF QXC<'J cr r kpguu'Ki'Uqo gy j gtg'Gug

Ej cr vgt'9<'VJ CKNCP F <'J cr r kpguu'Ki'P qv'Vj kpnkpi

Ej cr vgt': <'I TGV'DT~~K~~C~~K~~ <'J cr r kpguu'Ki'c'Y qtnlkp'Rtqi tguu

Ej cr vgt'; <'P F K<'J cr r kpguu'Ki'c'Eqpvtcf levkqp

Ej cr vgt'32<'CO GT~~K~~C<'J cr r kpguu'Ki'J qo g

GRKNQI WG

Cempqy rñf i o gpw

Cdqw'vj g'Cwj qt

*hqt "Uj ct qp*

*Kp'vj gug'fc{u'qh'yctu'cpf'twoqtu'qh'yctu'jcxgpø'qwgxgt'ftgco gf  
qh'c'rncg'yjgtg'yjgtg'y cu'rgceg'cpf'ugewtkf.'y jgtg'hxkpi'y cu'pqv  
c'ntwiing'dw'c'rwkpi'fgrki j vA*

*ô Nqu'J qtkqp.'ftgevgf'd{ 'Hcpm'Ecr tc.'3; 59*

## Kvrtqf wekqp

O { "dci u"y gtg"r cengf "cpf "o { "rtqxkukpu"nqcf gf 0"Ky cu"tgcf { "hqt "cf xgpwtg0Cpf uq. "qp" c"rvg"uwo o gt "chgtppqp. "Kf tci i gf "o { "tgnwcpv"htkpf "F tgy "qhh"vq "gznrtg pgy "y qtrf u"cpf. "K"j qr gf. "vq" hkp "uqo g"j cr r kpguu"cnpi "vj g"y c{0"Kxg"cnj c{u dgrlxgf "vj cv"j cr r kpguu"ku"lwuv"ctqwpf "vj g"eqtpgt0Vj g"tleniku"hp f lpi "vj g"tli j v'eqtpgt0 Pqv"mipi "lpvq"qwt"lqwtpgf. "F tgy "i tgy "pgtxquw0J g'r rncf gf "y kj "o g"vq"wt p'dcem dw"Klpukv"y g'r tguu"qp. "r tqr gmgf "d{ "cp"ktgukvdr"ewtkukv{ "cdqw"y j cv"r{ "cj gcf 0 F cpi gtA"O ci leA"K'pggf gf "vq"npqy. "cpf "vq"j ku"fc{ "Kx "eqpxlpegf "K'y qwf "j cxg tgej gf "y j gtgxt "k'y cu"Ky cu"t{ lpi "vq"tgej "j cf "vj g"Dcnko qtg"Eqwv{ "Rqrlg"pqv eqpenf gf. "ko r wukxgn{ "K"j qwi j v"cv"vj g "vko g. "vj cv"vj g "uj qwf gt "qh" c "o clqt j qtqwi j htg"y cu"pq"r neg"ht "c"eqw rg"qh"hxg/{ gct/qrf u0

Uqo g'r gqr rg"ces wktg"vj g"tcxgn"dwi 0"Qvj gtu"ctg"dqtp"y kj "k0'O { "chrlv"kp. "kh vj cvu"y j cv"kv"ku. "y gpv"lpvq "tgo kukqp "hqt "o cp{ " { gctu"hmjy lpi "o { "cdqvgf gznrtg kkp"y kj "F tgy 0"K'tguwthegf "chgt"eqmgi g"y kj "tgpgy gf "hwt{ 0"Kf gur gtcvgn{ y cpvgf "vq"ugg"vj g"y qtrf. "rtghgtcdn{ "qp"uqo gpgg"gnugau"fk0 g0'Dw"j qy A"Kj cf "pq o ctngvcdrg"unkm. "c"uwpvgf "ugpug"qh"o qtrkx{. "cpf "c"i mqo { "f kur qukkqp0Kf gekf gf "vq dgeqo g" c"lqwtprku0

Cu" c"htgxi p"eqttgur qpf gpv"ht "P cvkqpcn"Rwdne"Tcf kq. "K'tcxgrgf "vq"r negu"uwej cu"Kcs. "Chi j cplncp. "cpf "kpf qpguk<"wpj cr r { "r negu0Qp"qpg"rgxgn"vj ku"o cf g'r gthgev ugpgu0Wpeqpuekquw{. "Ky cu"qdugt xkpi "vj g"htuv"rcy "qh"y tkkpi <"Y tkw"cdqw"y j cv{ qw npqy 0Cpf "uq. "pqvgdqnnlp"j cpf. "vr g'tgeqtf gt"unwpi "qxtg"o { "uj qwf gt. "Ktqco gf "vj g y qtrf "vgnkpi "vj g"uqtlgu"qh"i mqo { "wpj cr r { "r gqr rg0Vj g"twj "ku"vj cv"wpj cr r { r gqr rg. "rklpi "lp"rtqhqpfn{ "wpj cr r { "r negu. "o cng"ht "i qqf "uqtlgu0Vj g{ "wi "cv j gctwtkpi u"cpf "lpur ktg'r cvj qu0

Vj g{ "ecp"cnq"dg" c"tgcndwo o gt0

Y j cv"kh "K'y qpf gtgf. "K'ur gpv" c" { gct "tcxgrkpi "vj g"i nqdg. "uggnkpi "qww"pqv"vj g y qtrf au"y gm"vqf f gp"vtqwdrg"ur qu"dw. "tcy gt. "ku"wpj gtrf gf "j cr r { "r neguA"Rnegu vj cv'r quugu. "lp"ur cf gu. "qpg"qt "o qtg"qh"vj g"lpi tgf lgpw"vj cv'y g"eqpukf gt "guugpvkn"vq vj g"j gctv{ "ugy "qh"j cr r kpguu<"o qpg{. "r rncuwtg. "ur ktkwcrkx{. "hco kx{. "cpf "ej qeqrvg. co qpi "qvj gtu0Ctqwpf "vj g"y qtrf. "fql gpu"qh"y j cv"ku"r rnc{ "vj go ugkxgu"qw"gxgt { "fc{ 0 Y j cv"kh" { qw"rkxgf "lp" c"eqwpt { "vj cv'y cu"hdwqwu{ "y gcmj { "cpf "pq"qpg"r ckf "czguA Y j cv"kh" { qw"rkxgf "lp" c"eqwpt { "y j gtg"hcwktg"ku"cp"qr vkpA"Y j cv"kh" { qw"rkxgf "lp" c"eqwpt { "uq" f go qetcvk "vj cv" { qw"xqvgf "ugxgp"vko gu" c" { gctA"Y j cv"kh" { qw"rkxgf "lp" c"eqwpt { "y j gtg"gzeguukxg"vj kpnkpi "ku" f kucqwtci gf AY qwf " { qw'dg"j cr r { "vj gpA

Vj cvu"gzcevn{ "y j cv"K'lpvgpf gf "vq" hkp "qww" cpf "vj g"tguwn"qh"vj ku"cf o kwgf n{ j ctgdtckpgf "gznrtgko gpv"ku"vj g"dqqm{ qw"pqy "j qrf "lp" { qwt"j cpf u0

Ky cu"dqtp"kp"vj g"l gct"qh"vj g"Uo krg{ "Hceg<3; 850Vj cwu"y j gp"ci ter j le"fguki pgt  
htqo "Y qteguvt. "O cucej wugwu. "pco gf "J ctxg{ "Dcm"lpxgpgf "vj g"pqy /wds wksqwu  
i tkppkpi "{gmny "i ter j k0Qtki kpcmf. "Dcmu"etgcwqp"y cu"fguki pgf "q"ej ggt"wr"r gqr ng  
y j q"y qtngf "cv"qh"cm"r rregu. "cp "kpuwtepeg"eqo r cp{. "dw"kv"j cu"ukpeg"dgeqo g  
u{pqp{o qwu"y kj "vj g"htqy {."s wkvguugpvcmf"Co gtlecp"dtcpf"qh"j cr r kpguu0

Dcmu"ej ggt{ "leqp"pgxgt"y qtngf "ku"o ci le"qp"o g0Kco "pqv"j cr r { "r gtupq. "pgxgt  
j cxg"dggp0Cu"e"ej kf. "o { "hcxqtkg"Y kppkg/vj g/Rqj "ej ctcevt"y cu"Gg{ qtg0Hqt"o quv  
qh"j wo cp"j kxqt{. "Ky qwf"j cxg"dggp"eqpukf gtgf "pqto cr0J cr r kpguu. "kp"vj ku"rhg. "qp  
vj ku"gtvj. "y cu"r tk g"tgutxgf "ht"vj g"i qf u"cpf"vj g"htwpcvg"hy 0Vqf c{. "vj qwi j. "pqv  
qp"ku"j cr r kpguu"eqpukf gtgf "r quukdg"ht"cp{ qpg"q"cwckp. "k"ku"gzr gevfg 0Vj wu"K"cpf  
o kkkpu"qh"qy gtu. "uwhtg"htqo "vj g"wpk wgn{ "o qf gtp"o cmf { "vj cv"j kxqtkep "F cttkp  
O eo cj qp"ecmu"vj g"wpj cr r kpguu"qh"pqv"dgkpi "j cr r { 0"K"ku"pq"hw"cvcm0

Cpf "uq. "rhg"o cp{ "qy gtu. "Kxg"y qtngf "cv"ku0Kpgxgt"o gv"cu"ugr"j gr "dqqm"Kf kf p0  
rhg0O { "dqqm"j gh"ku"e"qy gtpi. "vgvgtkpi "o qpwo gpv"q"gz kugpvcn"cp"u. "dtko o kpi  
y kj "dqqm"lphqto kpi "o g"vj cv"j cr r kpguu"rgu"fggr "lpukf g"qh"o g0K"K0 "pqv"j cr r {.  
vj g{ "eqwpugn"vj gp"K0 "pqv"fi i kpi "f ggr"gpqwi j 0

Vj ku"czkqo "qh"vj g"ugr"j gr "lpf wutken"eqo r rgz "ku"uq"fggr n{ "kpi tclpgf "cu"q"dg  
ugr/gxkf gp0Vj gtg0qp"qpn{ "qpg"r tqdrgo <"K0"pqv"twg0J cr r kpguu"ku"pqv"lpukf g"qh"wu  
dw"qww"vj gtg0Qt. "q"dg"o qtg"r tgekug. "vj g"rkg"dgw ggp"qww"vj gtg"cpf "kp"j gtg"ku"pqv"cu  
uj ctr n{ "f ghkpgf"cu"y g"vj kpn0

Vj g"rcvg"Dtkkuj /dqtp"r j kquqr j gt"Cmp"Y cwu. "lp"qpg"qh"j ku"y qpf gthwngewtgu"qp  
gcuvgtp"r j kquqr j {."wugf "vj ku"cpmji {<"0K"Kf tcy "c"ekerg. "o quv"r gqr ng. "y j gp"cong  
y j cv"K"j cxg"ftcy p. "y km"uc{ "K"j cxg"ftcy p"e"ekerg"qt"e"flue. "qt"e"dcn0Xgt{ "hy  
r gqr ng"y km"uc{ "Kxg"ftcy p"e"j qrg"lp"vj g"y cm"dgecwug"o quv"r gqr ng"vj kpn"qh"vj g"lpukf g  
htu. "tcvj gt"vj cp"vj kpnkpi "qh"vj g"qwu"kf g0Dw"cewcm{ "vj gug"vy q"ukf gu"i q"qi gjv gt0  
{ qw"ecppqv"j cxg"y j cv"ku"kp"j gtg0wpguu{ "qwj cxg"y j cv"ku"qww"vj gtg00

Kp"qvj gt"y qtf u. "y j gtg"y g"ctg"ku"xkcn"q"y j q"y g"ctg0

D{ "oy j gtg.0"K0 "ur gcnkpi "pqv"qpn{ "qh"qwt"r j { uken"gpuxtqpo gpv"dw"cuq"qh"qwt  
ewwutcn"gpuxtqpo gp0"Ewwutg "ku"vj g"ugc "y g"uy ko "kp0 uq "r gtxcukg. "uq"cm/  
eqpuwo kpi. "vj cv"y g"hcni"q"pqkcg"ku"gz kugpeg"wpkn"y g"ugr "qww"qh"ku0K"o cwgtu"o qtg  
vj cp"y g"vj kpn0

Y kj "qwt"y qtf u. "y g"uwdeqpuekwun{ "eqphrcvg"i gqi ter j { "cpf"j cr r kpguu0Y g"ur gem  
qh"ugctej kpi "ht"j cr r kpguu. "qh"hp"kf kpi "eqvpgvo gpv. "cu"kh"vj gug"y gtg"rqecvku"p"cp  
cwru. "cewcn"r rregu"vj cv"y g"eqwf "xluk"kh"qpn{ "y g"j cf "vj g"rtqr gt"o cr "cpf"vj g"tki j v  
pcxki cvkqpcn"unkmu0Cp{ qpg"y j q"j cu"cnegp"e"xccevku"q. "uc{. "uqo g"Ectkldgcp"ku"rpf  
cpf "j cf "hruj "vj tqwi j "vj gkt"o kpf "vj g"wpkpxkgf "vj qwi j v"0K"eqwf "dg"j cr r { "j gtg0  
npqy u"y j cv"K0 gcp0

Nwtmkpi "lwuv"dgj kpf "vj g"ewtclp"ku. "qh"eqwtug. "vj cv"vpcvni kpi. "unr r gt{ "eqpegr v  
npqy p"cu"r ctf kug0K"j cu"dgj wrgf "wu"j wo cpu"ht"uqo g"ko g"pqy 0Rrcv"ko ci kpgf "vj g  
Drguugf "Krgu. "c"r rregu"y j gtg"j cr r kpguu"hy gf "rhg"vj g"y cto "O gf kgttcpgcp"y cvgtu0  
Wpkn"vj g"gli j vggpj "egpwt{. "r gqr ng"dgkxgf "vj cv"dkhken"r ctf kug. "vj g"l ctf gp"qh  
Gf gp. "y cu"e"tgcni"r reg0K"cr r gctgf "qp"o cr u0 rnegvf. "kqplecm{. "cv"vj g"eqphwpeg"qh  
vj g"Vki tku"cpf "Gwr j tcvu"tkxgtu. "kp"y j cv"ku"pqy "o qf gtp/f c{ "Kcs0

Gwtqr gcp"gzr mtgtu"r tgr ctgf "ht"gzr gf kkkpu"kp"ugctej "qh"r ctf kug"d{ "ngctpkpi  
Ctco cle. "vj g"rpi wci g"lguwu"ur qng0Kugv"qww"qp"o { "lqwtpg{. "o { "ugctej "ht"r ctf kug.

ur gcnkpi "pqv"Ctco cle "dw"cpqvj gt "qduewtg"ncpi wci g. "vj g"o qf gtp "rkwti { "qh"drkuu  
ur qnngp"d { "vj g"pgy "cr quwgu"qh"vj g"go gti kpi "uekepeg"qh"j cr r kpguu0K'dtwuj "wr "qp  
vgto u"rkng"ör qukxg"chhgevö"cpf "öj gf qple"cf cr wvkqp0"K'ectt { "pq"Dkdr. "Iwuv"c "hgy  
Nqpgn' "Rncpgv'i wkf gu"cpf "c"eqpxlevkqp"vj cv."cu"J gpt { "O kngt"uckf. "öQpgau"fgunkpcvkqp  
ku'pgxgt"cr meg."dw"cpgy "y c { "qh'uggkpi "vj kpi u0

Cpf "uq. "qp"cv"r lecm { "ugco { "fc { "kp"O lco k"kuugn"uqo g"r gqr ngu"eqpegr v'qh  
r ctef kug+. "Kr cenlo { "dci u"cpf "f gr ctv'o { "j qo g"qp"y j cv'Knpqy "hwn'y gm'ku"c"hqqr  
gttcpf. "gxgt { "dk/cu'hqqrkj "cu"vj g"qpg"Kvtkgf "q"r wnl'qh"cu"c"r gtr cvgke'hkg/ { gct/qrf 0  
Cu"vj g"cwj qt "Gtle "J qhgt "r w"kv. "öVj g"ugctej "hgt "j cr r kpguu"ku"qpg"qh"vj g"ej kgh  
uqwtegu"qh'wpj cr r kpguu0Vj cvu'qnc { 0K0 "citgcf { "wpj cr r { 0Kj cxg'pqvj kpi "q"iqug0



## VJ G'P GVJ GTNCP F U

### J cr r kpguu'Ku'c'P wo dgt

Kku'c'heev'qh'j wo cp'pcwtg'yj cv'y g'f gtxg'r ngcwtg'htqo 'y cvej kpi 'qy gtu'gpi ci g'lp r ngcwtcdng'cevu0'Vj ku'gZR ncpu'yj g'r qr wctkx' "qh'vy q "gpvtr tkugu<r qtpqi tcr j { "cpf ech' u0Co gtlecpu'gzev'cv'yj g'htqo gt."dw'Gwtqr gcpu'f q'c'dgwtg'ld'cv'yj g'rwgt0'Vj g hqf "cpf 'y g'eqhgg'ctg'cm quv'dgukf g'yj g'r qkp0Kqpeg'j gctf "qh'c'ech' "lp'VgnCxx' 'y cv f kur gpugf 'y kj "hqf "cpf "f tkpnlcnqi gyj gt="k'ugt xgf "ewuqo gtu'go r v' "r nvgu"cpf "ewr u { gv'ej cti gf "tgcrl'o qpg{0

Ech' u'ctg'yj gcvgtu'yj j gtg'yj g'ewuqo gt "ku'dqj "cwf kgpeg"cpf "r gthqto gt0'Khpf "c y qpf gthwn'qpg'c'dmgen'htqo "o { "j qvgn'lp'f qy pvy p'Tqwtg'co 0'K'ku'uko wncpgqwan' rcti g'cpf "eq| { ."wuecng"cpf "twp/f qy p0'P leg'y qqf "hqtu."dw'yj g{ "mqm'rkng'yj g{ j cxgpw'dggp'r qnkj gf "kp" { gctu0'Ku'yj g'npf "qh'r nreg'yj j gtg" { qw'eqwf "ur gpf "j qwtu pwtulpi "qpg'dggt."cpf "Kuwur gev'o cp{ "r gqr ng'j gtg'f q'l'wv'yj cv0

Gxgt { qpg'ku'uo qnkpi . "uq'Klqkp'lp."hi j vpi "wr "c'rkvrng'eki ct0'Uqo gyj kpi "cdqw'yj g r nreg'o cngu'vko g'hgn'gZR cpukxg'cpf "Kdgeqo g'cewgn' "cy ctg'qh'yj g'uo cngu'f g'ckn0K pqleg'c"y qo cp'ukvpi "qp" c'dct "uqqn"j gt "ngi u'r gtr gpf lewrt. "tguvpi "qp" c'pgctd { dcpkngt "uq'yj cv'yj g{ "htqo "c'rkvrng'f tcy dtkf i g."y j lej "uj g'tckugu"cpf "ny gtu'cu'r gqr ng r cuu'd{0

Kqtf gt "uqo gyj kpi "ecmgf "c'Vtr kng"dggt0'Ku'y cto 0'P qto cm' . "Kf qpw'rkng'y cto dggt."dw'Krkng'y ku'dggt0Cm'ctqwpf "o g'Kj gct'yj g'r ngcupv'ej qtrng'qh'F wej 0K'uqwpf u xci wgn' "hco kkt. "y qwi j "Kecp'w'ko ci kpg'yj j { 0'Vj gp "k'f cy pu"qp"o g0'F wej "uqwpf u gzcew' "rkng" Gpi rkj "ur qngp "dceny ctf 0'K'npqy "y ku'dgecwug "Kxg"j gctf "c"mv'qh dceny ctf "Gpi rkj 0'K'yj g'r tgf ki kcn'gtc. "Kf "gf k'vr g'ht"o { "P RT"uqtkgu"qp" c'tggv'vq/ tggv'vr g'f gen'yj g'uk' g'qh'c"VX"ugv0'Kpxctkcdn' . "y ku'y qwf "gpvkn'r n' { kpi "ugi o gpw'qh yj g'vr g'dceny ctf 0'Cu"Kuk'lp'yj g'ech' . "y kj "o { "rkvrng'eki ct "cpf "o { "y cto "Vtr kng dggt. "K'y qpf gt "kh"Ktgeqtf gf "uqo gqpg"ur gcnkpi "F wej "cpf "r n' { gf "y cv'dceny ctf . y qwf "k'uqwpf "rkng'tgi wrt "Gpi rkj A

Cu' { qw'j cxg'pq'f qwdv'wto kugf . "Kco "c'o cp'y kj "vko g'qp"o { "j cpf u0Nqu'qh'vko g0 Dw'yj cv'ku'yj g'y j qrg'r qkp'v'qh" c'Gwtqr gcp'ech' <'v' "rkpi gt "gzeguukxgn' "cpf "wngtn' y kj qw'i wkn0P q'y qpf gt "o quv'qh'yj g'y qtrf w'i tgcv'r j kquqr j gtu'eco g'htqo "Gwtqr g0 Vj g{ "j wpi "qww'cv'ech' u'cpf "rgv'yj gkt "o kpf u'y cpf gt "wpvkn'uqo g'tcf kcm' "pgy "uej qqn'qh r j kquqr j { ô gzknv'vkn'uo . "uc{ ô r qrr gf "kpq'yj gkt "j gcf u0'K'j cxg'pqv'eqo g'j gtg'vq kpxgpv'c'pgy "uej qqn'qh'r j kquqr j { 0'P qv'gzcew' 0'Kco "gpi ci gf "kp'yj cv'yj g'Hlgpej "ecm

re'ej ciug'cw'dqpi gw. 'vj g'j wv'htq'j cr r kpguu0

Ur gekhecmf. 'o { 'rtg { 'ku'c'F wej 'rtqhguaqt 'pco gf 'Tww/Xggpj qxgp<'vj g'i qf h'v'j gt qh'j cr r kpguu' tgugetej 0'Xggpj qxgp 'twpu' uqo g'j kpi 'ecmgf 'vj g'Y qtrf 'F cvedcug' qh J cr r kpguu0'K'ku'p'q' lqng0Xggpj qxgp'j cu'eqngevgf. 'kp'qpg'iqecvkp. 'vj g'uwo 'qh'j wo cp mpqy ngf i g'cdqw'y j cv'o cngu'wu'j cr r { . 'y j cv'f qgu'pqv. 'cpf. 'qh'r ct'ewrct 'kpvtg'v'v'q o g. 'y j lej 'r negu'ctg'vj g'j cr r kgu0'K'vj gtg'ku'lpf ggf 'c' 'tqcf 'o cr 'qh'j cr r kpguu'qww vj gtg. 'cp'cv'cu'qh'drkuu. 'vj gp'Tww/Xggpj qxgp'y kn'hpqy 'cdqw'k0

Krgcxg'vj g'echf. 'tgnwecp'v'f. 'cpf 'j gcf 'dcem'v'q' 'o { 'j qvgn'htq'f kppgt0Tqwgtf co 'ku pqv'c'dgcw'k'w'ek { 0'K'ku' i tc { 'cpf 'f w'n'y kj 'hgy 'uki j w'u'qh'kpvtg'v'v'Ukm 'Tqwgtf co au o lz 'qh'pc'xg'F wej 'cpf 'ko o ki tcpw. 'o cp { 'qh'vj go 'O w'uko u. 'rgcf u'v'q' uqo g kpvtg'v'v'kpi 'lw'vcr qu'k'k'pu0'Vj g'Engqr c'v'c'Ugz 'Uj qr. 'vj g'y kpf qy 'f kur r { 'qh'y j lej eqpuku'qh'c' 'o gpci gt'kg'qh'rti g'cpf 'crcto kpi n' 'r'k'k'ng'f k'f qu. 'ku'qpn { 'qpg'dm'em htqo 'vj g'Ren'k'w'p'K'ko le'Egpvt0'Cv'qpg'r q'kp'v. 'K'ecvej 'c'y j k'h'qh'o ct'kwpc. 'vj g h'ci tcp'v'ctqo c'qh'F wej 'v'q'gtcpeg<'ugeqpf j cpf 'u'qng0Vy q'dm'em'u'rvgt. 'Kugg'c' 'o cp r gtej gf 'qp'c'rcf fgt. 'j cpi kpi 'c' 'i k'p'v' { g'm'y 'em'i 'qp'c' 'u'q'gt'gh'q'p'v. 'y j k'g' 'd'm'y 'v'y q O k'f f'ng'Gcu'gtp' 'o gp' 'i tggv'gcej 'q'v'j gt'y kj 'u { o o g'v'k'ec'n'r gemu'qp'vj g'ej ggn0'K'f qp'v npqy 'gzcev'f 'y j gtg'vj g { 't'g'htqo. 'dw' 'uqo g'qh'vj g'ko o ki tcpw'j gtg'eqo g'htqo eqw'v't'kgu'y j gtg'creqj qn'ku'k'ngi cn'cpf 'y qo gp'ctg'eqxgtgf 'htqo 'j gcf 'v'q'v'qg0'K'p'vj g'kt cf qr v'g'f 'j qo g. 'o ct'kwpc'ku'ngi cn'cpf 'u'q'ku'r tq'uk'w'w'kp0P q'y qpf gt 'Kup'k'h'v'g'p'k'p'kp vj g'ct. 'o kpi r'kpi 'y kj 'vj g'ecppcdku0

Vj g'j qvgn'f k'p'kpi 'tqqo 'ku'uo cm'eq { 0'Vj g'F wej 'f q'eq { 'y g'n0'K'qtf gt 'vj g cur c'tci w'u' 'u'q'w'0'K'ku' i q'qf 0'Vj g'y c'k'gt 'engctu' 'o { 'dqy n'cpf 'vj gp'uc { u. 'oP qy 'o c { dg { q'w'y q'w'f 'k'ng' 'uqo g'kp'v'gteq'wtug0

0Gzewug' 'o gA0

0kp'v'gteq'wtug0 q'w'ecp'j c'xg'kp'v'gteq'wtug0

Ko 'vj k'p'kpi. 'Y qy. 'vj g'F wej 't'gcm' 'ctg'c'r gto ku'k'xg'dwpej. 'y j gp'k'f cy pu'qp o g'vj cv'j g'ku'ur gcm'kpi 'qh' 'uqo g'v'j kpi 'g'ng'gp'v'k'ng'0'K'p'v'gt 'eq'wtug0'Cu'kp' 'o'd'gy ggp eq'wtug0

0 gu.0'K'uc { . 't'g'k'x'g'f 00Vj cv'y q'w'f 'dg'p'leg0

Cpf 'uq' 'K'f q0'K'j c'xg'kp'v'gt 'eq'wtug. 'tki j v'vj gtg'kp'vj g'J qvgn'xcp'Y cnuwo 'f k'p'kpi tqqo 0'K'gplq { 'k'x'gt { 'o wej. 'vj ku'w'p'j w't'kg'f 'f k'p'kpi 'g'zr gt'k'p'eg0'K'uk' 'o { 'dggt. 'u'v'ctg'kp'v ur ceg. 'cpf. 'kp' 'i gp'gtcn 'f q'p'q'v' kpi 0 w'p'k'n'vj g'y c'k'gt 'dt'kpi u'vj g' 'i tk'ng'f 'uc'no qp. k'p'f k'ec'v'kpi 'vj cv'ht'p'qy. 'o { 'kp'v'gt 'eq'wtug'ku'q'x'gt0

Kp'vj g' 'o q'tp'kpi. 'K'w'ng'vj g' 'u'w'dy c { 'v'q' 'o { 'J qn' 'I t'ck'<'vj g'Y qtrf 'F cvedcug' qh J cr r kpguu. 'qt' 'Y F J 0'P qto cmf. 'K'f q'p'q'v'cu'q'ek'v'g'vj g'y q'tf u'0j cr r kpguu0'cpf 0'f cvedcug.0'dw'vj ku'ku'f k'h'gt'gp'v'0'Vj g'Y qtrf 'F cvedcug'qh'J cr r kpguu'ku'vj g'ugew'rt'k'w'u cpuy gt'v'q'vj g'X'c'v'ecp'cpf 'O geec'cpf 'L'gtw'uc'ngo 'cpf 'Nj cuc. 'cm't'q'ng'f 'kp'v'q'q'p'g0J gtg { q'w'ecp. 'y kj 'vj g'er'ken'qh'c' 'o q'w'ug. 'ceegui'vj g'ug'et'gw'qh'j cr r kpguu0'Uget'gw'd'cug'f 'p'q'v qp'gr j go g'tcn't'g'x'g'v'k'p'pu'kp' 'uqo g'c'p'ek'p'v'f'g'ug't'v'dw'qp' 'o q'f g'tp'ue'k'p'eg'='uget'gw' k'p'uet'k'd'g'f 'p'q'v'qp'r c'tej o gp'v'dw'qp'j c'tf 'f t'k'x'g'='y t'k'w'gp'p'q'v'kp' 'C'tco c'k'c' 'dw'kp'vj g r'p'pi w'ci g'qh'q'w't'k'o gu. 'd'k'p'ct { 'eq'f g0

Ky cm'c'hgy 'dm'em'u'htqo 'vj g' 'u'w'dy c { 'cpf 'co 'k'p'uc'p'v'f 'f k'ur r q'k'p'v'g'f 0'Vj g'eq'ngi g eco r w'u'y j gtg'vj g'Y F J 'ku'j q'w'ug'f 'm'q'm'u' 'o q'tg' 'r'k'ng'c' 'u'w'd'w't'd'cp'q'h'h'eg'r c'tn'vj cp'c egp'v'gt 'qh'drkuu. 'vj g't'gr qu'k'q't { 'qh'j wo c'p'k'x' { au'npqy ngf i g'cdqw'j cr r kpguu0'K't { 'v'q u'j t'wi 'q'h'vj ku'h'g'g'k'p'pi 0'Ch'gt 'cm'y j cv'y cu'K'g'zr g'ev'k'p'pi A'Vj g'Y k'ctf 'qh'Q' A'Y kmf

Y qpme"cpf "y j g"Qqo r c"Nqgo r cu'uewt{ lpi "ctqwpf "uj qwlp "geucvlecml . "ōY gōxg"i qv  
ku. "y gōxg"i qv'k0Vj g"ugetgv"vq"j cr r kpguu0AP q. "Kī wguu'pqv. "dw'Kj cf "dggp"j qr kpi "hqt  
uqo gjj kpi "c"ikwrg'iguu'uvgtkrg0O qtg"j cr r { . "iguu'f cvc0

Ky cmi'f qy p" c"pqp guetkr v'eattkf qt "cpf "mpqem'qp" c"pqp guetkr v'qhhleg" f qqt0C  
o cp"y kj "c" F wej "ceegpv" { gmu'hqt "o g"vq" gpvgt0Vj gtg"j g"ku0Ft0Hggri qqf "j ko ugrh0  
Tww'Xggpj qxgp "ku" c"vko "o cp. "kp"j ku'gctn' "ukz vku. "Kī wguu0J g"j cu" c"ucn/cpf /r gr r gt  
dgctf "cpf "dtki j v. "grgewtke" g { gu0J g"ku'f tguugf "kp" cm'drcemō uv' rkuj . "pqv'o qtdkf "drcem0  
J g"mqmu" xci wgn' "hco kktct. "cpf "y j gp "Ktgcrl g"y j { <"J g"mqmu" rknng" c" F wej "Tqdkp  
Y krlco u. "y kj "y j g"uco g"eqkrgf "gpgti { "cpf "urki j v' "ko r kuj "i tlp0J g"ur tlp0 "u'htqo "j ku  
ej ckt "cpf "qhhgtu"j ku"j cpf "cpf "c" dwulpguu"ectf . "y j lej "tgcf u<"ōTww'Xggpj qxgp.  
Rtqhguaqt "qh"J cr r kpguu'Uwf lgu0

J ku'qhhleg"mqmu" rknng"y j cv'qh"cp { "rtqhguaqt<"dqmu"cpf "r cr gtu"gxgt { y j gtgō pqv  
gur gekml "o guu { . "dw'pqv"y j g"pgcvuv"qhhleg"Kxg"gxgt "uggp. "gkj gt0Eqpur kewwun { .  
y j gtg"ku'pqv" c"uo krg { "hceg"kp"uki j v0Xggpj qxgp "r qwtu"o g" c"ewr "qh"i tggp "vc0Vj gp"j g  
i tqy u'ukrgpv'cpf "y cku'hqt"o g"vq"vcm0

Kf qp0'hpqy "y j cv'vq"uc { 0Cu" c"lqwtprku. "Kxg"eqpf wegf "j wpf tgf u'qh'lpvgtxky u0  
Kxg"lpvgtxky gf "nkp i u"cpf "rtgukf gpw"cpf "r tko g"o kpvgtu. "pqv"vq"o gpvqp"j gcf u'qh  
vgttqtuv'qti cpl' cvkpu"rknng"J gl dmqj 0I gv'ukvpi "j gtg. "cetquu'htqo "y ku'nkp n' "F wej  
rtqhguaqt "y j q"mqmu" rknng" Tqdkp "Y krlco u. "Kco "uwo r gf 0Rctv"qh"o g. "y j g" r ctv"y j cv  
f gur gtcvgn' "etxcgu"r gceg"qh"o kpf . "y cpw"vq"uj qww. "ōFt0Xggpj qxgp. " { qwōxg"etwpej gf  
y j g"pwo dgtu. " { qwōxg"uww kfg "j cr r kpguu" { qw"gpvktg"rtqhguaqpkn' rknng="r ngcug"i kxg"kv'vq  
o g0I kxg'o g"y j g" fco p"htqo wr' hqt"j cr r kpguu#0

Dw'Kf qp0'uc { "y j cv'vq"uc { 0Cu" c"lqwtprku. "Kxg"eqpf wegf "j wpf tgf u'qh'lpvgtxky u0  
Kxg"lpvgtxky gf "nkp i u"cpf "rtgukf gpw"cpf "r tko g"o kpvgtu. "pqv"vq"o gpvqp"j gcf u'qh  
vgttqtuv'qti cpl' cvkpu"rknng"J gl dmqj 0I gv'ukvpi "j gtg. "cetquu'htqo "y ku'nkp n' "F wej  
rtqhguaqt "y j q"mqmu" rknng" Tqdkp "Y krlco u. "Kco "uwo r gf 0Rctv"qh"o g. "y j g" r ctv"y j cv  
f gur gtcvgn' "etxcgu"r gceg"qh"o kpf . "y cpw"vq"uj qww. "ōFt0Xggpj qxgp. " { qwōxg"etwpej gf  
y j g"pwo dgtu. " { qwōxg"uww kfg "j cr r kpguu" { qw"gpvktg"rtqhguaqpkn' rknng="r ngcug"i kxg"kv'vq  
o g0I kxg'o g"y j g" fco p"htqo wr' hqt"j cr r kpguu#0

Uq "kpugcf "qh"wpdwtf gplpi "o { "uqwn "Ktguqtv"vq" cp "qrf "vtem" go r m { gf "d {  
lqwtprku"cpf "y qo gp"y j q"y cpv'vq"r w'c" f cv'g'cv'gcug0ōFt0Xggpj qxgp.ō "Klpcml "uc { .  
ōgmio g"cdqw" { qwtugr0J qy "f kf " { qw'i gv'lpvq"y j g"j cr r kpguu'dwulpguuA0

Xggpj qxgp"ngcpu"dcem'kp"j ku"ej ckt. "j cr r { "vq"qdrki g0J g"eco g"qh"ci g"kp"y j g"3; 82u0  
Gxgt { qpg"qp"j ku"eqmgi g"eco r wu"y cu"uo qnkp i "f qr g. "y gctkpi "Ej g" I wgxctc "V/uj ktu  
cpf "vcmkpi "cdqw"y j g"i qqf "uqelgv { 0Xggpj qxgp"cuuq"uo qngf "r ngpv { "qh" f qr g"dw" f kf pōv  
y gct "c" Ej g" I wgxctc "V/uj ktv" cpf "cu" hqt "y qug "ōi qqf "uqelgvku.ō "Gcuwtp "Dmē  
eqwptkgu. Xggpj qxgp" hqwpf "y j go "y cpvki 0Kpugcf "qh" lwf i kpi "c" uqelgv { "d { "ku"u { ugo .  
j g"y qwi j v. "y j { "pqv" lwf i g"kv" d { "ku" tguwmu"AY gtg "ku"ekkl gpu"j cr r { A'Xggpj qxgp0u  
j gtq "y cupōv" Ej g" I wgxctc "dw" c" uqelcm { "kpgr v'pklpgvggpy /egpwt { "Dtkkuj "dcttkvgt  
pco gf "lgtgo { "Dgpj co 0Dgpj co "hco qwun { "gur qwugf "y j g" wklkctkcp "r tlpkr ng. "ōy j  
i tgcvguv"j cr r kpguu"qh"y j g"i tgcvguv'pwo dgt0Xggpj qxgp"y qwf "j cxg"i rcf n' "y qtp" c  
lgtgo { "Dgpj co "V/uj ktv"j cf "uwej "c"y j kpi "gzkvgt 0

Xggpj qxgp"y cu"uww { kpi "uqelqm { ō c" hgrf "y j cv. "cv"y j g"vko g. "o gcpv" qpn { "y j  
uww { "qh"ulen' uqelgvku. "f { uhvpev'kpkn' qpgu0Ku'ukvgt "f kuekr rkp. "r u { ej qm { . "uww kfg  
ulen"o kpf u0'Dw'pqv" { qwpi "Tww0J g"y cu"kpvgtgugf "kp"j gcnj { "o kpf u"cpf "j cr r {  
r rēgu0Qpg" f c { . "c"dk'vko kf "dw" f gvto kpgf "pqpvgj gruu. Xggpj qxgp"mpqengf "qp"j ku  
cf xkuqt0f qqt "cpf "cungf "kh"j g"eqwf "r ngcug"uww { "j cr r kpguu0J ku"cf xkuqt. "c"uqdg"o cp  
y kj "uqrf "cecf go le"etgf gpvkn. "qrf "j ko . "kp"pq"vpegtvclp"vgtō u. "vq"uj w'w'w' "cpf "pgxgt

o gpvkvq "vj cv'y qtf "ci clp0J cr r kpguu'y cu'pqv'c'ugtkqu'uwdlgev0

Xggpj qxgp'rglw."ej curkugf "dw'uetgw" "r rncugf 0J g'npqy "j g'y cu'qp'vq'uqo gvj kpi 0 K'uq"j cr r gpgf. "vj qwi j "vj g" { qwpi "F wej "i tcf wcvg"uwf gpv'f kf pøv'npqy "cv'y g"ko g. eqwv pøv' quukdn "j cxg'npqy p. "vj cv'ctqwpf "vj g'y qtrf "uqekn'uelgpkvu'y gtg'y cnkpi "wr vq" c'pgy "f kuekr kpg<"j cr r kpguu'uwf kgu0Vqf c{. "Xggpj qxgp "ku'cv'y g' hqtghtqp'v'qh'c' hkgf vj cv" ej wtpu "qw"j wptgf u "qh" tgugetej "r cr gtu" gcej " { gct0" Vj gtg "ctg "j cr r kpguu eqphgtgpegu'cpf "c" *Lqwtpcn'qh'J cr r kpguu'Uwf kgu\** y j lej "Xggpj qxgp"gf ku+0Uwf gpv'cv Emtgo qpV I tcf wcvg "Wpkxgtukv{ "kp" Ecrkhtpkc "ecp"pqy "gctp"cp "OC"qt "Rj F "kp"r qukxg r u{ej qm{ { ð kp"j cr r kpguu0

Uqo g"qh"Xggpj qxgpau"eqmeci wgu"ukm"vj kpm"j ku"qrf "cf xkuqt "y cu'tki j v. "vj cv'y g uwf { "qh"j cr r kpguu"ku"o kui wkf gf. "uwr kf 0Dw"vj g{ "ecpøv'ki pqtg"j ko 0J ku'tgugetej "ku qw"vj gtg=kau'ekgf "kp"lqwtpcn."cpf "kp"vj g'cecf go ke'y qtrf "vj cv'o gcpu'k'o cwgto0

Vj g"eqpvg o r rkvqp"qh"j cr r kpguu. "qh"eqwtug. "ku"pqv'pgy 0Vj g"cpkpgv'I tggmu"cpf Tqo cpu'f kf "c"mqv'qh'k0Ctkvqvg. "Rrcv. "Gr lewtu. "cpf "qvj gtu'uy gcvgf "qxgt"vj g'gvtpcn s wguqp0Y j cv'ku"vj g"i qqf "rhgA"Ku"r rncuwg"vj g"uco g"cu"j cr r kpguuA"Y j gp"ctg"y g i qkpi "vq"lpxgpv'lpf qqt "r nwo dlp i A

Ncvt. "vj g"l tggmu"cpf "vj g" Tqo cpu'y gtg"lqkpgf "d{ "qvj gtu. "r crgt/unkppgf "o gp"htqo rcpf u"htvj gt "pqtj "y j q"ur gpv'cp "lpqtf kpcvg"co qwpv'qh'ko g"lp"ech' u. "eqpvg o r rkvpi rhg u" kpgz vkecdng "s wcpf ctkgu0O gp"rkng "Mcpv. "Uej qr gpj cwtg. "O km "P kvj uej g. "cpf. rrvgt. "Nctt { "F cxkf 0Vj g{. "vq. "j cf "o wej "vq"uc { "cdqw"j cr r kpguu0

Cpf "vj gp"vj gtg "ku"tgrki kqp0Y j cv'ku"tgrki kqp "kh"pqv'c "i wkf g"vq"j cr r kpguu. "vq"drkuuA Gxgt { "tgrki kqp"kpustwv"hmmy gtu"kp"vj g'y c { u"qh"j cr r kpguu. "dg"kv'kp"vj ku"rhg"qt "vj g pgzv. "dg"kv'j tqwi j "uwd o kuukp. "o gf kcvkp. "f gxqvkv. "qt. "kh" { qw"j cr r gp"vq"dgmp i "vq vj g"lgy kuj "qt"Ecj qrke'hckj. "i wkn0

Cn'qh'vj ku'o c { "j cxg"dggp"j gr hwn"gpri j vgpki "gxgp. "dw'k'y cupøv'uelgpeg0K'y cu qr kpkpu'cdqw"j cr r kpguu0Ngctpgf "qr kpkpu. "pq" f qwdv. "dw'qr kpkpu"pqpgvj grguu. "cpf kp"vqf c { øv'y qtrf "y g"j cxg'rkvg"tgi ctf "hqt"qr kpkpu. "gzegr v'r quukdn "qwt"qy p"cpf "vj gp pqv'cnj c { u0P q. "y j cv'y g"tgur gev. "r c { "j ggf "vq. "ku"j ctf "uelgpeg"qt. "hckpi "vj cv."uqlv uelgpeg0O quv'qh'cm "y g"mqxg"c "i qqf "uwf { 0P gy uecvgtu'npqy "kpu'kpxgn "vj cv'y g dguv'y c { "vq"i gv'r gqr rgu"gtu"vq"r gtm'wr "ku'y kj "vj gug"hxg"y qtf u'öc "pgy "uwf { "j cu hqwpf 0K'o cwgto'rkvg"y j cv'hmqy u"pgz0C "pgy "uwf { "j cu'hqwpf "vj cv'tgf "y kpg"ku i qqf "hqt" { qw"l'nkmu" { qw0C "pgy "uwf { "j cu'hqwpf "vj cv"j qo gy qtm'f wmu"vj g"dtckp"l gpri ti gu'k0Y g"gur gekm { "rkng"uwf kgu"vj cv'rgpf "etgf kdkk { "vq"qwt"qy p"kf kqu { petcukgu. cu'kp. "öc"pgy "uwf { "j cu'hqwpf "vj cv'r gqr rg"y kj "o guu { "f gumu"ctg"uo ctvgtö"qt "öc"pgy uwf { "j cu'hqwpf "vj cv'o qf gtcvg" f ckn { "rcwrgpeg"ko r tqxgu'qpi gxk { 0

[ gu. "kh"vj ku'pgy "uelgpeg"qh"j cr r kpguu'y cu'vq"dg"cnrp"ugtkquu. "k'pggf gf "uwf kgu0 Dw'hktu. "k'pggf gf "c"xqecdwrct { . "c"ugtkquu'lcti qp0Vj g"y qtf "öj cr r kpguuö"y qwf pøv f q0K'uqwpf gf "vq"htkxqmw. "vq"gcukn { "wptgtuqqf 0Vj ku'y cu'c"r tqdrgo 0Uq"vj g'uqekn uelgpkvu"eco g"wr "y kj "c" f qql { <"öuwdlgev"yg gm/dgkpi 0 "Rgthgev0P qv'qpn { "y cu'kv o wku { mcdle"cpf "xkwcm { "ko r gpgvcdng"vq"rc { r gqr rg. "k'cnq"eqwv "dg"eqpf gpugf "kpq cp"gxgp "o qtg"qduewg"cetqp { o <"UY D0Vq"vj ku" f c { . "kh" { qw"y cpv'vq"lkip "vj g"rcvgv uej qrcn { "tgugetej "qp"j cr r kpguu. " { qw'pggf "vq"l qqi rg"öUY D.ö"pqv'öj cr r kpguu0P gzv eco g"qvj gt "r kgegu"qh"vj g"lcti qp "r w | rg0öRqukxg"chgevo"ku"y j gp"uqo gvj kpi "hggnu i qqf =öpgi cvkxg"chgevo"kuö { qw'i wguugf "kö y j gp"uqo gvj kpi "hggnu'dcf 0

P gzv."v j g'pgy 'uelgpeg'qh'j cr r kpguu'pggf gf 'f cxc0P wo dgtu0Hqt'y j cv'ku'uelgpeg'kh pqv'pwo dgtu.'r tghgtcdn{ 'hcti g'qpgu'y kj 'hqu'qh'f geko cn'r qkpu0Cpf 'j qy 'f q'uelgpkuu i gv'v j gug'pwo dgtuAVj g{ 'o gcuwtg'y kpi u0

Qj . "pq0'O clqt "tqcf dmen0'J qy "ecp "{ qw"o gcuwtg"j cr r kpguuA"J cr r kpguu"ku" c hggkpi . "c"o qqf . "cp"qwwqnm'qp'rhg0J cr r kpguu'ecp0'dg"o gcuwtgf 0

Qt'ecp'k'AP gwtquekpgvku'cv'v j g'Wp'kxgtukf "qh'K'y c"j cxg'kf gpv'k'kf "v j g'tgi kqpu'qh v j g'dtclp'cuuqekcvf "y kj "i qqf "cpf "dcf "o qqf u0Vj g{ "f q'v j ku'd{ "j qqnkpi "wr 't'gugctej uwdlgeu"\*eqmgi g'uww gpw'lp'pggf "qh's wken'ecuj "+vq"O TKo cej kpgu'cpf "v j gp'uj qy kpi v j go "c "ugt'gu"qh"r lewtgu0"Y j gp "v j g{ "uj qy "r gqr ng "r ngcucpv"r lewtgu0 /dweqrle rcpf uecr gu."f qjr j kpu'r r{ kpi ô r ctu'qh'v j g'r tghtqpvcn'ndg"ctg"cevkxcvgf 0Y j gp"v j g{ uj qy "wpr ngcucpv'ko ci guô c"dkf "eqxgtgf "kp"qkn" c" f gcf "uqrf lgt"y kj "r ctu'qh'v j ku'hceg o kulkpi ô v j g"o qtg"r tko k'xg"r ctu'qh'v j g'dtclp"rki j v'wr 0'J cr r { "hggkpi u."kp"qv j gt y qtf u."tgi k'vgt'lp"v j g'tgi kqpu'qh'v j g'dtclp"v j cv'j cxg'gxqrxgf "o quv'tgegpv'f 0K'v'ckugu'cp kvtki vkpi "s wgunqp<Ctg'y g."lp"gxqrxkqpct{ "kh'pqv'r gtuqpcn'v'gto u."uqwe j kpi "vqy ctf j cr r kpguuA

T'gugctej gtu"j cxg"vq{gf "y kj "qv j gt "y c{u"qh"o gcuwtkpi "j cr r kpguu<"utguu j qto qpgu."ectf kce"cevkxk{."cpf "uqo gy kpi "ecngf "ôhcekn"eqf kpi ôô eqwpvkpi "j qy o cp{ "vko gu"y g"uo k'g."hqt"kpucpeg0'Cm"qh"v j gug"vej pls wgu"ctg"r tqo kulkpi . "cpf . kpf ggf . "qpg"fc{ "uelgpkuu"o c{ "dg"cdng"vq"ôvcng "{ qwt "j cr r kpguuô"v j g'y c{ "c" f qevqt vqf c{ "vcngu "{ qwt"vgo r gtcwtg0

P qy . "v j qwi j . "v j g"o clp"y c{ "t'gugctej gtu"o gcuwtg"j cr r kpguu"ku"v j tqwi j "c" hct"o qtg ngy /vej "cpf . "y j gp "{ qw'v j kpm'cdqwk'v' s wkg'qdxkqu"vej pls wg0Vj g{ "cunlr gqr ng"j qy j cr r { "v j g{ "ctg0T gcm'0'ôCm"v j kpi u"eqpukf gtgf . "j qy "j cr r { "y qwf "{ qw'uc "{ "q'w'ctg v j gug"fc{ uô"Vj cv'ku"v j g"s wgunqp . "o qtg"qt"nguu . "v j cv'wtxg{ qtu"j cxg"cuungf "r gqr ng ctqwpf "v j g'y qtrf "hqt"v j g'r cuv'hqtv{ "qt"uq "{ gctu0

T'www"Xggpj qxgp "cpf "j ku"eqmgi wgu"emko "v j cv"v j g"cpuy gtu"ctg"tgo ctnedn{ ceewtcvg0'ô qw'ecp"j cxg" c" f kugcug"cpf "pqv'npqy "kxô"Xggpj qxgp"v'gmu"o g."ôdw "{ qw ecp0'dg"j cr r { "cpf "pqv'npqy "k0D{ "f gh'p'k'k'qp . "kh "{ qw'ctg"j cr r { . "{ qw'npqy "k0ô

Rgtj cr u."dw"o cp0u"ecr cek{ "hqt"ugr'hf gegr vkp"ku"pqv"vq"dg"vpf gtguko cvgf 0'Ctg y g"kp'f ggf "ecr cdng"qh"i cwi kpi "qwt"qy p"j cr r kpguuA"Vj gtg"y cu"v j ku"o qo gpv."hqt kpucpeg . "y j gp"K'y cu"ugxgpvggp "{ gctu"qrf "v j cv'K'y qwi j v'K'y cu"xgt{ "j cr r { "kp'f ggf . eqo r ngv'n{ "eqpvgpv"y kj qw'c"ectg"lp"v j g'y qtrf 0'K'p"tgtqur gev."k'wtpu"q'w'K'y cu'l'wuv gzv'tgo gn{ "uqpgf"cv'v j g'vko g0Rnuu."dggf"y cu'lp'xqrxgf 0K'y kpn0

Cpqv j gt"ur ggf "dwo r "qp"v j g'tqcf "vq"j cr r kpguu<F'khgtgpv'r gqr ng" f gh'k'p'g"j cr r kpguu f khgtgpv'f 0' l' qwt "kf gc"qh"j cr r kpguu"o c{ "pqv'dg"v j g"uco g"cu"o kpg0'O { "hcxqtkg f gh'p'k'k'qp"qh"j cr r kpguu"ur t'epi "htqo "v j g"o kpf "qh"cp"wpj cr r { "o cp"pco gf "P qcj Y gduvgt0"Y j gp "j g"r gppgf "v j g"htuv"Co gtkecp "f k'v'k'p'pct{ . "kp"3: 47. "j g" f gh'k'p'gf j cr r kpguu"cu"ôv j g"ci tggcdng"ugpucvkpu"y j lej "ur tkpi "htqo "v j g"gp'lq{ o gpv'qh"i qqf 0ô Vj cv'uc{ u'k'cn0'K'j cu"ôci tggcdng"ugpucvkpu.ô"v j g"pqv'k'p"v j cv'j cr r kpguu"ku" c" hggkpi 0 Vj g"j gf qpkuu"y qwf "i gv"qh"qp"v j cv'0'K'j cu"ôgp'lq{ o gpv.ô"y j lej "uki pl'k'gu"v j cv j cr r kpguu"ku"o qtg"v j cp'r wtg'cpko cn'r ngcuwtg0Cpf "gp'lq{ o gpv'qh'y j cv'A'Qh'v j g'ôi qqf . ô c"y qtf "v j cv."K'y kpm"Y gduvgt"uj qwf "j cxg"ecr kcrk' gf 0'Vj g"I qqf 0'Y g"y cpv'vq"hggn i qqf "dw'hqt"v j g'tki j v'tgcuqpu0Ctkuqvg"y qwf "j cxg"cr r tqxgf "qh'v cv'0ôJ cr r kpguu"ku" c" xk'w'q'w'cevkxk{ "qh'v g'uqwnô"j g'uc'kf 0C"xk'w'q'w'rhg."kp"qv j gt"y qtf u."ku" c"j cr r { "rhg0

Y g"j wo cpu'ctg'etgcwtgu'qh'v j g'rcuv'hxg"o kpwgu0'K'p'qpg'uwwf{ . "r gqr ng"y j q'hqwpf c" f ko g"qp"v j g"r cxgo gpv" c" hgy "o kpwgu"dg'htg"dgkpi "s wgtk'gf "qp"v j g"j cr r kpguu s wgunqp"tgr qtvgf "j ki j gt"ngxgu"qh'uc'kuhcevkp"y kj "v j gkt"qxgtcm'hxgu"v j cp"v j qug"y j q f kf "pqv'h'k'p'f "c" f ko g0T'gugctej gtu"j cxg"v'k'gf "vq"i gv'ctqwpf "v j ku"s wkn'qh"v j g"j wo cp

r u{ej g"vj tqwi j "uqo gjv lpi "ecmgf "vj g"gzr gtlgpeg/ucor r lpi "o gjv qf 0Vj g{ "utcr "rkwr Rcm "Rlnqórkng" f gxlgu"q"tugcte j "uwlgeu"cpf "vj gp"r lpi "vj go "o c{dg"cf q| gp"ko gu c"fc{0Ctg}{qw}j cr r { "pqy AY j cvcdqw"pqy AJ gtg. "vj qwi j . "vj g"J gkugpdgti "rtlpekr ng tgetu"ku"j gcf 0Vj g"o gtg"cev"qh"qdugtxlpj "uqo gjv lpi "cngtu"koCm"qh"vj cv"r lpi lpi . "lp qvj gt"y qtf u."o ki j v"chgev"vj g"uwlgeu"j cr r lpguu0

Cnuq."o quv"r gqr ng"y cpv"q"r tgugpv"j cr r { "hceg"q"vj g"y qtrf 0Vj cv"gzr nkpuy j { r gqr ng"eqpukngpv" "tgr qtv"j ki j gt"j cr r lpguu"ngxgnu"y j gp"vj g{ "ctg"cumgf "kp"hceg/q/ hceg"lpvgtxlg y u"tcvj gt"vj cp"lp"o ckl"lp"uwtxg{ u0Cpf "y g"tgr qtv"gxgp"j ki j gt"j cr r lpguu ngxgnu"kh"vj g"lpvgtxlg y gt"ku"o go dgt"qh"vj g"qr r qukg"ugz0Kpukpevkgf . "y g"npqy "vj cv j cr r { "ku"ugz{ 0

J cr r lpguu"tugcte j gtu."j qy gxgt. "ctg"s wleni"q" f ghgpf "vj gk"y qtn0Hqt "qpg"vj lpi . r gqr ngau"cpuy gtu"ctg"eqpukngpv"qxgt "ko g0Cnuq. "tugcte j gtu"eqttqddtcvg"r gqr ngau tgr qpugu"d{ . "hqt"lpucpeg. "ej genlpi "y kj "vj gk"tlkpf u"cpf "tgrvkgu0öF qgu"lqg"uggo rkng"o"j cr r { "r gtuqp"q" { qwAö"K"wtpu"qw"vj cv"vj gug"qwu"kf g"cuuguu gpv"vgpf "q"ldg y kj "qwt"qy p" f gi tgg"qh"r gtekgxgf "j cr r lpguu0Dgukf gu. "uekgpvku"o gcuwtg"KS "cpf cvkwf gu"qy ctf "kuwgu"rkng"tcekuo . "y j lej "ctg"cuq"uwlgevg0Y j { "pqv"j cr r lpguu"cu y gmAQt"cu"O kj "a n{ "Eu"mu gpw kj cn{k"o"i kcpv"lp"vj g"hgfr "qh"j cr r lpguu"uwf lgu. "r w"kv< öY j gp"o"r gtuqp"uc{ u"j g"ku"r tgw{ "j cr r { ø"qpg"j cu"pq"tki j v"q"ki pqtg"j ku"ucvgo gpv"qt lpvgr tgv"kv"q"o gcp"vj g"qr r qukg0

Uq"cuuwo lpi "vj cv"vj gug"j cr r lpguu"uwf lgu"ctg"tgcupcdn{ "ceewtcvg. "y j cv"j cxg"vj g{ hqwpf AY j q"ku"j cr r { ACpf "j qy "f q"Klqp"vj go AVj ku"ku"y j gtg"TwvXggpj qxgp"cpf j ku"fcvdcug"eqo g"lpvq"r n{ 0

Xggpj qxgp"ngcf u"o g"q"o"tqqo "cu"pqp f guetkr v"cpf "uqwngu"cu"vj g"tguv"qh"vj g eco r w0Kpukf g"ku"o"dcpm"qh"o"j chf q| gp"eqo r wgtu0Vj g{ "ctg"o cppgf "d{ "vj g"uo cm o quw{ "xqnpvggt"uchh"qh"vj g"Y F J . "papg"qh"y j qo "mqmu"gur gekm{ "j cr r { 0Krgv"vj ku lpeqpi twk{ "urkf g"=gxgp"cp"qxgty gki j v" f qevqt "o ki j v"j cxg"uqo g"i qqf "cf xleg"cdqww gzgtekug"cpf "f kgv0

Kr cwug"q"vcng"lp"vj g"o qo gpv0Qp"vj gug"eqo r wgtu. "tki j v"lp"ltqp v"qh"o g. "ku j wo cplk{ø"ceewo wrvgf "npqy ngf i g"qh"j cr r lpguu0Chgt"xk wcm{ "ki pqt lpi "vj g"uwlgev hqt" f gecf gu. "uqekn"uekgpvku"ctg"pqy "o cnlpi "wr" hqt"quv"ko g. "ej wtp lpi "qwt"tugcte j r cr gtu"cv"o"r tqf ki kqu"tcvg0J cr r { . " { qw"o ki j v"uc{ . "ku"vj g"pgy "ucf 0

Vj g"tugcte j "hpf lpi u"ctg"cngtpcvkgf "qdxkqu"cpf "eqwpgt/lpwwkxg. "gzr gev f cpf "uwt r t lpi 0K"o cp{ "ecugu. "vj g"hpf lpi u"xcrkf cvg"vj g"i tgc v"vj kngtu"qh"egpwt lgu r cuv0 cu"kh"vj g"cpelgpv"l tggmu"pggf "xcrkf cvkp0J gtg"ctg"o"hg y "qh"vj g"hpf lpi u. "lp"pq r ctvewrt"qtf gt0

Gzvtqxgtu"ctg"j cr r lgt "vj cp"lpvtqxgtu="qr ko ku"ctg"j cr r lgt "vj cp"r guko ku"= o cttkgf "r gqr ng"ctg"j cr r lgt "vj cp"ulpi ngu. "vj qwi j "r gqr ng"y kj "ej kftgp"ctg"pq"j cr r lgt vj cp"ej kftngu"eqw ngu="Tgr wdrkecpu"ctg"j cr r lgt "vj cp"F go qetcv="r gqr ng"y j q"cwgp f tgrki kqu"ugt xlegu"ctg"j cr r lgt "vj cp"vj qug"y j q" f q"pqv"r gqr ng"y kj "eqmgi g" f gi tggu"ctg j cr r lgt "vj cp"vj qug"y kj qww. "vj qwi j "r gqr ng"y kj "cf xcpegf "f gi tggu"ctg"ngu"j cr r { "vj cp vj qug"y kj "lwv"o"DC="r gqr ng"y kj "cp"cevkg"ugz"rkng"ctg"j cr r lgt "vj cp"vj qug"y kj qw= y qo gp"cpf "o gp"ctg"gs wcm{ "j cr r { . "vj qwi j "y qo gp"j cxg"o"y kf gt"go qvqpcn"tcpi g= j cxlpi "cp"chck"y kn"o cng{ "qw"j cr r { "dw"y kn"pqv"eqo r gpucvg" hqt"vj g"o cuukg"quu"qh j cr r lpguu"vj cv" { qw"y kn"lpewt"y j gp" { qwt"ur quug"hpf u"qw"cpf "ngcxgu" { qw="r gqr ng"ctg ngcu"j cr r { "y j gp"vj g{ ø"geqo o wlpj "q"y qtm="dw{ "r gqr ng"ctg"j cr r lgt "vj cp"vj qug y kj "vq"rkng"q" f q="y genj { "r gqr ng"ctg"j cr r lgt "vj cp"r qqt"qpgu. "dw"qpn{ "urki j v{ 0

Uq"y j cv"vj qwf "y g" f q"y kj "vj gug"hpf lpi u"AI gv"o cttkgf "dw" f qpø"j cxg"nkf u"AIUctv i q lpi "q"ej wtej "tgi wrctn{ A" F tqr "qw"qh"vj cv"Rj F "r tqi tco A" P qv"uq "hcu0Uqekn

uelgpvkuu] cxcg'c]j ctf 'lko g'wptcxgnkpi 'y j cv'vj g{ 'ecm'ōt gxgtug'ecwucrkv{ō'cpf 'y j cv'vj g  
tguv'qh'wu'ecm'vj g'ej lengp/cpf/gi i 'r tqdngo 0Hqt 'lpuvcepg.'j gcnj { 'r gqr ng'ctg']j cr r kgt  
vj cp'wpj gcnj { 'qpgu=qt 'ku'kv'vj cv']j cr r { 'r gqr ng'vcpf 'vq'dg']j gcnj kgtA'O cttkgf 'r gqr ng  
ctg']j cr r { =qt 'o c{dg']j cr r { 'r gqr ng'ctg'o qtg'rkngn{ 'vq'i gv'o cttkgf A'Ku'vqwi j 'vq'uc{0  
Tgxgtug'ecwucrkv{ 'ku'vj g']j qdi qdrikp'vj cv'o cngu'o kuj kgh'kp'o cp{ 'c'tgugctej 'r tqlgex0

Y j cv'K'tgcm{ 'y cpv'vq'npqy . 'vj qwi j . 'ku'pqv'y j q 'ku']j cr r { 'dw'y j gtg'vj g{ 'ctg  
j cr r {ō cpf 'y j {0Xggpj qxgp'uki j u'y j gp'K'cuni'cdqw'vj ku'cpf 'r qwtu'cpqy gt'ewr 'qh  
vgc0J gtg. 'vj g'ecrewv'vqpu'i gv'tlenkgt0'Ecp'y g'tgcm{ 'uc{ 'y j lej 'eqwptkgu.'y j lej  
r gqr ngu. 'ctg']j cr r kgt 'vj cp'qy gtuaJ cu'o { 'ugctej 'hqt 'vj g'y qtrf'au']j cr r lguv'r nregu  
gpf gf 'dghqtg'k'v'dgi kpuA

Cm'ewmwgu] cxcg'c'y qtf 'hqt']j cr r lpguu.'cpf 'uqo g']j cxcg'o cp{ 'y qtf u0Dw'f qgu'vj g  
Gpi rkuj 'y qtf 'ōj cr r lpguuō'o gcp 'vj g'uco g'cu'vj g'Ht gpej "dqpj gwt'qt 'vj g'Ur cpkuj  
lgrkelf cf'qt 'vj g'Ctcdle'ucj ccf cA'Kp'qy gt 'y qtf u.'f qgu']j cr r lpguu'tcpur'vgaVj gtgū  
uqo g'gxkf gpeg'vj cv'vj g'cpuy gt 'ku'{ gu0Vj g'Uy ku'tgr qtv'gs wcn'ngxgm'qh']j cr r lpguu.  
y j gy gt'vj g{ 'vcng'vj g'wtxg{u'lp'Ht gpej . 'I gto cp.'qt 'Kcrkcp.'vj g'eqwpt{au'vj tgg'o clp  
ncpi wci gu0

Cm'ewmwgu'xcnwg']j cr r lpguu.'dw'pqv'vq'vj g'uco g'f gi tgg0Gcu'Cu'kcp'eqwptkgu  
vgpf 'vq'go r j cuk g']j cto qp{ 'cpf 'hwt'k'kpi 'uqelgvn'qdri cv'kpu'tcy gt 'vj cp'lpf kxkf wcn  
eqpv'pwo gpv'r gtj cr u'pqv'eqkpekf gpvcn{ . 'vj gug'eqwptkgu'cnuq'tgr qtv'nyy gt 'ngxgm'qh  
j cr r lpguu.'y j cv'w'dggp'ecngf 'vj g'Gcu'Cu'kcp'J cr r lpguu'I cr . 'y j lej 'uqwpf u'vq'o g  
rkng'uqo g'uqtv'qh'Ej kpgug'I tcpf 'Ecp{qp0Vj gp'vj gtg'ku'vj g'ōuqelcn'f gultcdk'k{ 'dkcu0  
Vj g'eqpegtp']j gtg'ku'vj cv'r gqr ng'cpuy gt 'vj g']j cr r lpguu'wtxg{u'pqv'htqo 'vj gkt']j gctv'dw  
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ugrh'gh'cekp . 'chtckf 'vq'dg'vj g'r tqxgtdkn'pck'vj cv'ukemu'qmw=vj g{ 'ctg'cnuq. 'tgr'v'xg'vq  
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Y g'Co gtlecpu.'qp'vj g'qy gt 'j cpf . 'y gct 'qwt'j cr r lpguu'qp'qwt 'ungxgu'cpf . 'kh  
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Co gtlecpu'ōY j gp'Co gtlecpu'uc{ 'kv'y cu'i tgecv.'Knpqy 'kv'y cu'i qqf 0Y j gp'vj g{ 'uc{ 'kv  
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ōY j cv'f q'q'q'w'o gcpAō

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Kō "kperkpgf "vq"ci tgg"y kj "rkpi wkuv"cpf "hgmjy "ewto wf i gqp"Cppc"Y kgt| dlenr. y j q."y j gp"hecgf "y kj "vj ku"xgt{ "uco g"erko "vj cv'o quv'r gqr ng"ctg"tgcuapecdr{ "j cr r { tgr rkgf "y kj "qpg"uko r ng"s wguvqp<öY j q"ctg"vj qug"tgr qtvgn{ "j cr r { "r gqr ngAö

Y j q"lpf ggf 0'O { "j gcf "j wtu0J cxg"Kgo dctngf "qp" c"hwkrg"o kuukqp"vq"hpv"vj g y qtrf øw"j cr r kguv'r rneguA"Vj gp"Kpqvleg"vj cv'qpg"eqwpt{ "ueqtgu"eqpukvpgv{ "j ki j "qp vj g"j cr r kpguu"uecrgo pqv'pwo dgt"qpg"dw" f ctpgf "emug0K"cuq"j cr r gpu"vq"dg"vj g eqwpt{ "Kco "xkukpi "cv'vj ku"xgt{ "o qo gpv0

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Uq "f twi u."kv'ku0Uqhv'f twi u."o ct'kwpc"cpf "j cuj kuj."ctg"ngi cn'kp"vj g"P gyj gtrpf u0 Vj g{ "ctg"ugt'xgf "kp'eq'hgg"uj qr u."y j kej "ctgpøw'tgcm' "eq'hgg"uj qr u'cv'cm'dw'f twi "f gpu0 ðEq'hgg"uj qr ð'uqwpf u'o qtg'tgur gevcdng"vj cp'õf twi "f gp.ð"vj qwi j 0

Dw'y j kej "qpg"uj qwr "Kv{A'Vj gtg"ctg"uq"o cp{ "vq"ej qqug"htqo 0'kp'Tqwgtf co. gxgt{ "vj ktf "qt"hwv'j "uq'tg'htqpv."kv'uggo u."ku"c"ðeq'hgg"uj qr 0'Kø "vgo r vgf "d{ "qpg ecmgf "Un' "J ki j."dw'vj g"pco g"uggo u"vq"000'qdxkqwu0Qvj gtu'rqm'vq"j kr 0'Kj cxgpøv i qwgp"j ki j "ukpeg"o { "lwpkqt" { gct "kp'eq'ngi g0Kf qpøw'y cpv'vq"o cng'c"hqqr'qh'o { ugrt0

Vj gp "K'ur qv'k0"Vj g"Cir j c"Dmpf kg"Eqlhgg"Uj qr 0'Kø "r gthgew'Dgukf gu"vj g ktgukv'ndng'pco g."vj g'Cir j c"Dmpf kg'cnuq'qh'htu'xgpv'k'v'kqp."cp"qr gp'y kpf qy."y j kej "ku c" "f gh'pkv'g'r nuu0K'r tguu"c"dw| gt"vj gp"y cm'wr "c"pcttqy "u'ck'ecug0'kp'kf g."vj gtgøu"cev' hqudcm'vcdng'cpf "c"eqqrgt "h'ngf "y kj "qtepi g"H'pvc"cpf "Eqng."cu"y gm'cu'r ngpv' "qh Uplengtu"cpf "O ( Oø."hqt"vj g"o vpej kgu."pq" "f qwdv0'Kø "u'wtr tkugf "vq"ugg"cp"cewcn eq'hgg"o cej kpg"kp"vj ku'eq'hgg"uj qr."dw'kv'rqmu'rkng'kv'j cupøw'dggp"wu'gf "kp"o qp'y u0C r tqr."K'eqpenw'g0

Dcf "3; 92u"o wule "ku"r nc{ kpi."cpf "c"rkvwg"vq" "mqw'rf 0'Qp"qpg"y cm "K'pqv'eg"cev' r ckpv'kpi "vj cv'rqmu'rkng'kv'y cu'f qpg"d{ "c"vngpv'gf "ukz y /i tcf gt0'kp"vj g"htgi tqwpf "ku"cev' ect"vj cv'j cu'lwuv'r mqy gf "kp'vq"cev'tgg."y kj "unk' "o ctmu'v'ckkpi "qh'vqy ctf "vj g'j qtk qp0 Wpf gtpgc'vj "ku"y tkwgp<ðUqo g'tqcf u'qpn' "gzkv'kp"ftwi i gf "o kpf u0'Kø "pqv'uw'g'kv'vj ku ku'o gcpv'cu'cev' ctpkpi "cdqww'vj gug'tqcf u'qt"cu'cp"gp'f qtugo gpv'qh'vj go 0

Gxgt{qpg"j gtg"uggo u"vq"dg"cev'tgi w'ct."gzegr v."qh"eqwtug."hqt"o g0'Kø "kpucpv'w' t'cpur qtv'gf "dcem'vq"o { "eqmgi g'f qto "tqqo "kp"P gy "Lgtug{0Vt{ kpi "vq"dg"eqqn"v{ kpi "vq hv'kp."dw'v'ckkpi "o kugtcdr 0

Cp"qrxg/un'kppgf "o cp"eqo gu"qxgt"vq"o g"cpf."kp"dtqngp"Gpi rkuj."g'zr rckpu"vj g o gpw0Vqf c{ "vj g{ "ctg'hgcwtkpi "Vj ck'o ct'kwpc."j g'uc{u."cu'kv'f guetkdkpi "vj g"uqwr "f w lqwt."cu"y gm'cu'v'y q'v'r gu'qh'j cuj kuj <0 qtqecp"cpf "Chi j cp0

Kø "cv'cev'rqmu0Uq"Kf q"y j cv'K'eny c{u'f q"y j gp"vj g"o gpw'r tqxgu"qxgty j gm kpi 0'K cum'vj g'y ckgt "hqt"j ku'tgeqo o gp'f cv'kqp0

ðF q" { qw'r tghgt "utqpi "qt"o kv' Aø"j g"cumu0

ðO krf 0

ðVj gp'Ky qwf 'f ghpkgn 'i q'y kj 'y g'O qtqecp0

Kj cpf 'j ko 'c'hxg/gwtq'pqvg'\*cdqw'ukz 'f qmtu+ 'cpf 'j g'j cpf u'o g'c'dci i kg'y kj 'c ej cmf 'dtqy p'urcd'y g'uk g'qh'c'r quci g'urco r 0

Kj cxg'cduqnwgn 'pq'kf gc'y j cv'vq'f q'y kj 'k0

Hqt 'c'o qo gpv 'K0 'vgo r vgf 'vq'ecm'o { 'qrf 'eqmgi g'tqqo o cvg. 'Twuv 'Hkuj nkp0 Twuv 'y qwf 'npqy 'y j cv'vq'f q0J g'y cu'ciy c { u'y g'eqqn'qpg0Twuv 'j cpf ngf 'c'dqpi y g'y c { 'l q/ l q'O c'j cpf ngu'c'egm0K0 'uwtg'Twuv 'ku'c'eqtr qtcvg'rey { gt'pqy . 'hklpi kp 'y g'uwdu'v'y kj 'hqt 'nkf u. 'dw'ukm 'Kdgv'j g'y qwf 'npqy 'y j cv'vq'f q'y kj 'y ku ej wpi'qh'O qtqecp'j cuj 0

Cu'h'qp'ewg. 'Nkp c 'Tqpuv'v'r k'gu'wr 0/ qw'g'pq'i qqf. 'f qw'g'pq'i qqf. 'dcd/. { qw'g'pq'i qqf 0

Kdtlghn 'eqpukf gt 'uy cmqy kpi 'y g'j cuj 'cpf 'y cuj kpi 'k'f qy p'y kj 'c'Rgr uk'dw y kpm'dgwt 'qh'y cv'kf gc'cpf 'lwuv'hxo drg'y kj 'y g'j cuj 'kpuv'gf. 'x { kpi 'vq'mqm'cu j gr ngu'cu'r quikdr. 'y j lej 'wvf gt 'y g'ekewo ucpegu'eqo gu'pcwtcmf 0'Hkpcmf. 'c dgctf gf 'o cp'y gctkpi 'c'ngvj gt 'lcengv'cngu'r k { 'qp'o g0Y kj qw'uc { kpi 'c'y qtf. 'j g vngu'y g'j cuj 'kp'j ku'j cpf u'cpf 'etwo drgu'k'rkn'g'hc 'ej ggug0Vj gp'j g'wptqmu'c eki ctgwg. 'c'tgi wnt'eki ctgwg. 'cpf 'kpu'v'y g'j cuj 0Chgt 'c'hwgpv'uj cng. 'hem'cpf 'vcr. j g'j cpf u'y g'pqy 'j cuj /kphwgf 'eki ctgwg'dcem'vq'o g0

Kj cpn'j ko 'cpf 'iki j v'w 0

C'hgy 'qdugt'xv'kpu0'Hktuv'qh'cm 'K'f q'tgeqo o gpf 'y g'O qtqecp0K'ku'lpf ggf 'c uo qqy 'uo qng0Ugeqpf. 'cv'nguv'j ch'y g'hwp'qh'gpi ci kpi 'kp'knek'cev'kx { 'ku'y g'knekv r ctv'cpf 'pqv'y g'cev'kx { 'r ctv0K'qy gt 'y qtf u. 'uo qnkpi 'j cuj 'ngi cmf 'kp'Tqwgtf co 'ku pqv'pgetn { 'cu'o wej 'hwp'cu'f qkpi 'k'knekv { 'kp' { qwt 'eqmgi g'f qto 'tqqo 'y kj 'Twuv 'Hkuj nkp. 'npqy kpi 'y cv'cv'cp { 'o qo gpv { qw'o ki j vi gv'ecwi j v0

Ukm 'Kco 'hggkpi 'i qqf 0P q'r clp0Cpf. 'cu'y g'O qtqecp'ugwgu'kp'vq'o { 'egtgdten eqtvgz. 'Ky qpf gt <Y j cv'kh'Kuv { gf 'rkn'g'y ku'cm'qh'y g'ko gAY qwf p0Kdg'j cr r { 'cm'qh y g'ko gA'K'eqwf 'gpf 'o { 'ugctej 'hqt 'y g'y qtf u'j cr r kuv'r negu'tki j v'j gtg. 'cv'y g Crr j c 'Drp'f kg 'Eqhgg'Uj qr 'kp'Tqwgtf co 0O c { dg'y ku'ku'y g'j cr r kuv'r neg'kp'y g y qtf 0

Vj g'r j kquqr j gt 'Tqdg'v'P q' lem'j cf 'uqo gvj kpi 'vq'uc { 'qp'y g'uwldge0P qv'cdqw y g'Crr j c 'Drp'f kg. 'y j lej 'K'f qwd'v'j gau'htgs wgpvgf. 'pqt 'cdqw'O qtqecp'j cuj. 'y j lej j g'o c { 'qt'o c { 'pqv'j cxg'uo qngf 0'Dw'P q' lem'f kf 'y kpm'mpi 'cpf 'j ctf 'cdqw'y g tgr'v'kpuj k' 'dgy ggp'j gf qpluo 'cpf 'j cr r kpgu0J g'qpeg'f gxluf 'c'y qwi j v'g'zr g'k0 gpv ecmgf 'y g'Gzr g'kpeg'O cej kpg0

Ko ci kpg 'y cv'ouvr gtf wr gt 'pgwtqr u'ej qm' ku'0 'j cxg 'hi wtf 'qww'c 'y c { 'vq unko w'v'g'c'r gtuqpu'dtclp'kp'qtf gt 'vq'lpf w'g'r ngcuw'cdng'g'zr g'kpegu0K'u'r gth'g'v' uchg. 'pq'ej cpeg'qh'c'o ch'w'v'kqp. 'cpf 'pqv'j cto hwn'v' { qwt 'j gcnj 0/ qw'y qwf g'zr g'kpeg'eqpuv'p'r ngcuw'g'hqt 'y g'tguv'qh' { qwt 'rhg0Y qwf 'f qw'f q'kAY qwf 'f qw r nwi 'kp'v'y g'Gzr g'kpeg'O cej kpgA

K'p'qv'cti wgf 'P q' lem'y gp' { qw'xg'Iwuv'r tqxgf 'y cv'y g'g'ku'o qtg'vq'rhg'y cp r ngcuw'g0Y g'y cpv'vq'cej kxg'qwt'j cr r kpgu'cpf 'pqv'Iwuv'g'zr g'kpeg'k0Rgtj cr u'y g gxgp 'y cpv'vq'g'zr g'kpeg'wpj cr r kpgu. 'qt 'cv'nguv'ngcxg'qr gp 'y g'r quikdkk { 'qh wpj cr r kpgu. 'kp'qtf gt 'vq'twn { 'cr r tgekv'j cr r kpgu0

Tgi tgwcd'f. 'K'hpf 'o { ugh'kp'ci tggo gpv'y kj 'P q' ken0K'y qwf 'pqv'r nwi 'o { ugh kp'v'y g'Gzr g'kpeg'O cej kpg. 'cpf 'y g'ghgt'g'K'y km'pqv'dg'tgm'ecv'kpi 'vq'y g'Crr j c Drp'f kg 'Eqhgg'Uj qr 0Y j lej 'ku'c'uj co g0F kf 'Ko gpv'kp'j qy 'uo qqy 'y g'O qtqecp j cuj 'kuA

Vj g"pgzv"o qtpkpi . "o { "o kpf "O qtqecp/htgg. "K'o cng"o { "fckn{ "vkr "vq"vj g"Y F J O'K o gpvkp"o { "rkwr"gzr gto gpv'vq'Xggpj qxgp0J g"cr r tqxgu. "qh"eqwtug0Kp"heev. "y j gp"K j cf "ktuv'r qkpvf "qw'vj cv'o cp{ "qh"vj g"cevkxkgu"vj cv'vj g"F wej "gpi ci g"kp"tgi wrctn{ . uvej "cu"rtqukwkqp"cpf "ftwi u. "y qwf "i gv'o g"cttgugf "kp"vj g"Wpkgf "Ucvgu. "j g"lwuv uo kpf "un{ n{ "cpf "uckf . "ōKmpqy OGplq{ Ō

Xggpj qxgp "uc{ u"vj g"fcwcdug"o ki j v"r tqxkf g"uqo g"cpuy gtu"vq"vj g"ci g/qrf swgukqp<"K'r rncuwtg"vj g"uco g"cu"j cr r kpguuA'Chgt "c"hey "f ki kcn"fgqwtu. "K'hpf "c r cr gt "vj cv'Xggpj qxgp"j ko ugh"y tqv0Kau"ecmgf "ōJ gf qpkuo "cpf "J cr r kpguu0"K'tgcf vj g"cdutcev0

ōVj g"tgrvkqp "dgy ggp "j cr r kpguu"cpf "eqpuwo r vkqp "qh"unko wrpau"hmny u"cp kpxgtvgf "Wewtxg0Ur qkn'ur qtw"cpf "i w| rgtu"ctg"ngu"j cr r { "vj cp"o qf gu'eqpuwo gtu0ō Kp"qj gt"y qtf u. "cu"vj g"cpelgpvI tggmu'eqwpugngf "c"hey "vj qwucpf "{ gctu"ci q. "gxgt { vj kpi kp"o qf gtcvkqp0K'tgcf "qp"cpf "rctp"vj cv'ōugxgtcn"uwf kgu"j cxg"qdugt xgf "c"r qukxg eqttgrvkqp "dgy ggp "r gto kuukxg "cvkwf gu"vqy ctf u"ugz "cpf "r gtuqpcn"j cr r kpguu0ō Rtguwo cdn{ . "vj gug"r gto kuukxg"j cr r { "r gqr rg"ctg"pqv'vj g"uco g"j cr r { "r gqr rg"y j q"ctg cvgpf kpi "ej wtej "tgi wrctn{ 0Cu"htq"ftwi u. "c"3; ; 7"uwf { "hqwpf "vj cvō pq"uwrtkugō wug qh"j ctf "ftwi u"vopf u"vq"f getgcug"j cr r kpguu"qxgt "ko g0Dw'y j cv'cdqw'uqh'ftwi u. "rkng. uc{ . "O qtqecp"j cuj A'K'wtpu'qw'vj cv'vj gtg"j cu'dggp"rkwr'tgugctej "kp"vj ku'ctgc0

J qy "cdqw'vj cv. "K'vj kpm"uy kxgnpi "cy c{ "htqo "vj g"eqo r wgt"o qpkqt0Ncuv'pki j v. cv'vj g"Crr j c"Dmpf kg'Eqlhgg"Uj qr. "qp"vj g"xgt { "ktuv'rgi "qh'o { "lqwtpgf . "Ky cu'gpi ci gf kp"ewwkp/ gfi g"j cr r kpguu'tgugctej 0Y j q'npgy A

Kau"o { "ruv'fc{ "kp"tqwgtf co 0C"htq gwcdng"ek{ "dw"qpg"vj cv'Ky kn'o ku'pqpgy gngu0ō Kau"ko g"vq"uc{ "i qqf d{ g"vq'Xggpj qxgp. "cpf "Kco "pgxgt"i qqf "cv'i qqf d{ gu0K'j cpmj ko htq"cm'qh"j ku"j gr . "htq"cm'qh"j ku'druuhwlf cwc0Vj gp. "cm quv'cu'cp"chgtvj qwi j v. "Kr cwug cv'vj g"f qqt"cpf "uc{ . "ōK'o wuv'dg'y qpf gthwly qtnkpi "kp"vj g"hgfr "qh"j cr r kpguu'uwf kgu0ō

Xggpj qxgp"mqmu'r gtr rgzgf 0ōY j cv'f q" { qw'o gcpAō

ōY gm" { qw'o wuv'j cxg"cp"cdkf kpi "hckj "kp"o cpmkpf ōu'ecr cek{ "htq"j cr r kpguu0ō

ōP q. "pqv'tgcm{ Ō

ōDw" { qw'xg"dgpp"uwf { kpi "j cr r kpguu. "cpcn{ | kpi "k" { qwt"gpvktg"rkng0ō

ō gu. "dw'k'f qgupōw'o cwgt "vq"o g"kh'r gqr rg"ctg"j cr r { "qt"pqv. "cu"mpj "cu"uqo g r gqr rg"ctg"j cr r kgt "vj cp"qj gtu0Kecp"ukmletwpej "vj g'pwo dgtu0ō

Klwuv'ucpf "vj gtg"htq"o qo gpv. "uwppgf 0J gtg"K'j qwi j v'Xggpj qxgp"y cu"o"hmny vtcxngt. "c"eqo tcf g"kp"vj g"j wpv'htq"j cr r kpguu. "dw'k'wtpu'qw'vj cv. "cu"vj g{ "uc{ "kp"vj g Uqwj . "j g"j cu"pq"fi qj "kp"vj ku"j wpv0Qt. "kh" { qw'r tghgt. "Xggpj qxgp"kupōw'c"r n{ gt "kp"vj g j cr r kpguu"i co g="j gōu"vj g"tghgtgg. "nggr kpi "ueqtg0Cpf . "rkng"cp{ "i qqf "tghgtgg. "kv o cwgtu"pqv'qpg"y j k'vq"j ko "y j q"y kpu"vj g"i co g0J cr r kpguu"qt"f gur qpf gpe{ . "kau"cm vj g"uco g0Cu"mpj "cu"qpg"ukf g'r tgxcnu0

Vj cv'ku. "Klwr r qug. "vj g'y j qrg'r qkp'v'qh'vj ku'pgy . "f kur cuukqpcvg"uwf { "qh"j cr r kpguu0ō Xggpj qxgp"cpf "vj g"qj gt "druuqmqi kuw"fgur gtcvgn{ "y cpvgf "cecf go kc"vq"vcng"vj gkt f kuekr rkpg "ugtqwu{ . "nguv"vj g{ "dg"fkoo kuuf "cu"Py "Ci g"hcff kuw0Vj g{ "j cxg uweeggf gf . "dw"K'y qpf gt "cv'y j cv'equ0Kp"vj gkt "y qtnf . "j cr r kpguu"ku'tgf wegf "vq" { gv cpqj gt "ucvkuke. "fcv"vq"dg"urlegf . "f legf . "r ctugf . "twp"vj tqwi j "vj g"eqo r wgt. "cpf . wko cvgn{ . "kpgxkcdn{ . "tgf wegf "vq"ur tgcf uj ggu0Cpf "K'ecpōw'vj kpm'qh"cp{ vj kpi "nguu

j cr r { "y cp" c"ur tgc f u j gg v

K'tgcrl g "y cv" o { "xkuk" vq "y g" Y F J "y cu" c "hpg" uctv" dw" cp "kpeqo r rvg" qpg0  
P qy j gtg "co qpi "y g" gli j v" y qwucpf "uwf lgu" cpf "tgugctej "r cr gtu" f kf "K" hpf "cp {  
o gp vkp "qh" y g" j cr r kpguu" c "pc vkp "f gtxgu" htqo "ku" ctu. "y g" r rgcwtg "ceetwgf "d {  
j gctlpi "c" r ctvewrctn "mxgn "r qgo "tgc f "cmwf "cpf "y gm "qt "d { "y cvej lpi "c" f ctpgf  
i qqf "o qxlq. "ceeqo r cplqf "d { "c" wd "qh" r qreqtp. "pq" dwgt0 P qt "f qgu" y g" f cwcug  
tgxgc n" cp { y lpi "cdqw" y g "kpxkldng" y tgc f u" y cv" dkpf "c" hco k { 0" Uqo g "y lpi u" ctg  
dg { qpf "o gcwtlpi 0

Uq "Kcqpwtvew" o { "cvru" qh" drku. "o { "tqcf "o cr "qh" j cr r kpguu. "dcugf "r ctv { "qp" Tww  
Xggpj qxgpau" f cwcug "cpf "r ctv { "qp" o { "qy p" j wpej gu0 Tlej "qt "r qqt. "j qv" qt "eqrf.  
f go qetce { "qt" f levcqtuj kr. "k" o cwtu" pq0 Ky kmhmqy "y g" j cr r kpguu" uegpv" y j gtgxt  
k' hcf u0

Y kj "o { "cvru" lp" j cpf. "Kdqctf "y g" tclp" cvTqwtf co "Egptcn0 Cu" y g" tclp" dgi kpu  
vq "tqm" cpf "y g" F wej "eqwpt { ukf g" i rlf gu" d { . "Khgn" cp "wpgzr gev f "ugpug" qh" tgrgh0  
Htggf qo "gxgp0 Htggf qo "htqo "y j cvA Kcep0 ko ci kpg0 O { "xkuk" y cu" hpg0 Kf tcnluqo g  
i qqf "dggt. "uo qngf "uqo g" hpg" j cuj. "cpf "gxgp" hgtpgf "c" y lpi "qt" y q" cdqw" j cr r kpguu0

Vj gp "k" f cy pu" qp" o g0 Htggf qo "htqo "cm" y cv000 Htggf qo 0 Vqrgtcepg" ku" i tgc v. "dw  
vqrgtcepg" ecp "gcuk { "urkf g" lpvq "kpf khtgpeg. "cpf "y cvu" pq "hwp" cv' cm0 Dgukf gu. "Kcep0  
rxg" y kj "uq" o wej "urcn0 Ko "vq" y gcn0 Ky qwf p0 npqy "y j gp" vq "uqr 0 Ki Ko qxgf "vq  
J qmcpf. " { qwf "r tqdcdr { "hpf "o g" c "hgy "o qpj u" rvt. "gpi whgf "kp" c "emwf "qh  
O qtqecp" j cuj. "c" j qqngt "wpgt" gcej "cto 0

P q. "y g" F wej "y c { "ku" pqv" hqt "o g0 Rgtj cr u" o { "pgzv" f gukpcvkp "ku" y g" qpg0 Ko  
j gcf lpi "vq" c" eqwpt { "y j gtg" y g" tclpu" twp" qp" vko g. "y g" utggv" ctg" ergcp. "cpf "vqrgtcepg.  
rkg "gxgt { y lpi "gnug. "ku" f qrgf "qw" ectghm { . "kp" o qf gtcvkp0 "K" co "j gcf lpi "vq  
Uy k { gtrpf 0

One Grump's Search for  
the Happiest Places in the World

THE GEOGRAPHY OF

*Bliss*

ERIC WEINER

Correspondent,

National Public Radio



Eqr { tki j vÍ "422: "d{ "Gtle"Y gkpgt  
Cm'tki j w'tgugtxgf 0Gzegr v'cu'r gto kwgf "wpf gt'yj g"WUUEqr { tki j v'Cev'qh'3; 98."pq  
r ctv'qh'yj ku'r wdrlecwqp"o c{ "dg'tgr tqf wegf ."f kwtldwgf ."qt"tcpuo kwgf "kp"cp{ "hqt  
qt"d{ "cp{ "o gcpu."qt"uqrgf "kp"cf cwcug"qt"tgtkxcrn{ ugo ."y kj qw'yj g'r tkqt  
y tkwgp'r gto kuukqp"qh'yj g'r wdrkuj gt0

Vy gmg  
J cej gwg"Dqqm'I tqwr "WUC  
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Xkuk'qwt"Y gd'ukg"cv"[y y y 0 cej gwgDqqm'I tqwr WUC@go 0](#)

Vy gmg"ku'cp'ko r tlpv'qh'I tcpf "Egptcn'Rwdrkuj kpi 0

Vj g'Vy gmg"pco g"cpf "mqi q'ku'c"tcf go ctm'qh'I cej gwg"Dqqm'I tqwr "WUC."Kpe0

Hktuv'gDqqm'Gf kkp<"Lcpwct{ "422:  
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# Eqpwgpw

[Kptqf wekqp](#)

[Ej cr vgt'3<'VJ G'P GVI GTNCP F U<'J cr r kpguu'Ki'c'P wo dgt](#)

Ej cr vgt'4<'UY K\ GTNCP F <'J cr r kpguu'Ki'Dqtgf qo

Ej cr vgt'5<'DJ WWP <'J cr r kpguu'Ki'c'Rqrk{

Ej cr vgt'6<'SCVCT<'J cr r kpguu'Ki'c'Y kppkpi 'Nqwtg{'Vlengv

Ej cr vgt'7<'KGNCP F <'J cr r kpguu'Ki'Hckwtg

Ej cr vgt'8<'O QNF QXC<'J cr r kpguu'Ki'Uqo gy j gtg'Gug

Ej cr vgt'9<'VJ CKNCP F <'J cr r kpguu'Ki'P qv'Vj kpnkpi

Ej cr vgt': <'I TGV'DTWC<'J cr r kpguu'Ki'c'Y qtnlkp'Rtqi tguu

Ej cr vgt'; <'P F K<'J cr r kpguu'Ki'c'Eqptcf lekqp

Ej cr vgt'32<'CO GTKEC<'J cr r kpguu'Ki'J qo g

GRKQI WG

Cempqy rfg i o gpw

Cdqw'vj g'Cwj qt



*hqt "Uj ct qp*

*Kp'vj gug'fc{u'qh'yctu'cpf'twoqtu'qh'yctu'jcxgpø'qwgxgt'ftgco gf  
qh'c'rncg'yjgtg'yjgtg'y cu'rgceg'cpf'ugewtkf.'y jgtg'hxkpi'y cu'pqv  
c'ntwiing'dw'c'rwkpi'fgrki j vA*

*ô Nqu'J qtkqp.'ftgevgf'd{ 'Hcpm'Ecr tc.'3; 59*

## Kvrtqf wekqp

O { "dci u"y gtg"r cengf "cpf "o { "rtqxkukpu"nqcf gf 0"Ky cu"tgcf { "hqt "cf xgpwtg0Cpf uq. "qp" c"rvg"uwo o gt "chgtppqp. "Kf tci i gf "o { "tgnwvcpv"htkpf "F tgy "qhh"vq "gznrtg pgy "y qtrf u"cpf. "K"j qr gf. "vq" hkp "uqo g"j cr r kpguu"cnpi "vj g"y c{ 0"Kxg"cnj c{ u dgrlxgf "vj cv"j cr r kpguu"ku"lwv"ctqwpf "vj g"eqtpgt0Vj g"tleniku"hp f lpi "vj g"tli j v'eqtpgt0 Pqv"mipi "lpvq"qwt"lqwtpgf. "F tgy "i tgy "pgtxquw0J g"r nqcf gf "y kj "o g"vq"wt p'dcem dw"Klpukv"y g"r tguu"qp. "r tqr gmgf "d{ "cp"ktgukvdr"ewtkukv{ "cdqw"y j cv"r{ "cj gcf 0 F cpi gtA"O ci leA"K'pggf gf "vq"npqy. "cpf "vq"vj ku"fc{ "Kx "eqpxlpegf "K'y qwf "j cxg tgcej gf "y j gtgxt "k'y cu"Ky cu"t{ lpi "vq"tgcej "j cf "vj g"Dcnko qtg"Eqwv{ "Rqrlg"pqv eqpenf gf. "ko r wukxgn{ "K"vj qwi j v"cv"vj g "vko g. "vj cv"vj g "uj qwf gt "qh" c "o clqt j qtqwi j htg"y cu"pq"r nreg"ht "c"eqwr ng"qh"hxg/{ gct/qrf u0

Uqo g"r gqr ng"ces wktg"vj g"tcxgn"dwi 0"Qvj gtu"ctg"dqtp"y kj "k0'O { "chrlv"kp. "kh vj cvu"y j cv"kv"ku. "y gpv"lpvq "tgo kukqp "hqt "o cp{ " { gctu"hmjy lpi "o { "cdqvgf gznrtg kkp"y kj "F tgy 0"K'tguwthcegf "chgt"eqmgi g"y kj "tgpgy gf "hwt{ 0"Kf gur gtcvgn{ y cpvgf "vq"ugg"vj g"y qtrf. "rtghgtcdn{ "qp"uqo gpgp"gnugau"fk0 g0"Dw"j qy A"Kj cf "pq o ctngvcdrg"unkm. "c"uwpvgf "ugpug"qh"o qtrkx{. "cpf "c"i mqo { "f kur qukkqp0Kf gekf gf "vq dgeqo g" c"lqwtprku0

Cu" c"htgxi p"eqttgur qpf gpv"ht "P cvkqpcn"Rwdnle"Tcf kq. "K'tcxgrgf "vq"r nregu"uwej cu"Kcs. "Chi j cpkncp. "cpf "kpf qpguk<"wpj cr r { "r nregu0Qp"qpg"ngxgn"vj ku"o cf g"r gthgev ugpgu0Wpeqpuekquw{. "Ky cu"qdugt xkpi "vj g"htuv"rcy "qh"y tkkpi <"Y tkw"cdqw"y j cv{ qw npqy 0Cpf "uq. "pqvgdqnnlp"j cpf. "vr g"tgeqtf gt"unwpi "qxtg"o { "uj qwf gt. "Ktqco gf "vj g y qtrf "vgnkpi "vj g"uqtlgu"qh"i mqo { "wpj cr r { "r gqr ng0Vj g"twj "ku"vj cv"wpj cr r { r gqr ng. "rklpi "lp"rtqhqpfn{ "wpj cr r { "r nregu. "o cng"ht "i qqf "uqtlgu0Vj g{ "wi "cv j gctwtkpi u"cpf "lpur ktg"r cvj qu0

Vj g{ "ecp"cnq"dg" c"tgcndwo o gt0

Y j cv"kh "K'y qpf gtgf. "K'ur gpv" c" { gct "tcxgrkpi "vj g"i nqdg. "uggnkpi "qww"pqv"vj g y qtrf au"y gm"vqf f gp"vtqwdrg"ur qu"dw. "tcy gt. "ku"wpj gtrf gf "j cr r { "r nreguA"Rnregu vj cv'r quugu. "kp"ur cf gu. "qpg"qt "o qtg"qh"vj g"lpi tgf lgpw"vj cv'y g"eqpukf gt "guugpvkn"vq vj g"j gctv{ "ugy "qh"j cr r kpguu<"o qpg{. "r nrcuwtg. "ur ktkwcrkx{. "hco kx{. "cpf "ej qeqnvg. co qpi "qvj gtu0Ctqwpf "vj g"y qtrf. "fql gpu"qh"y j cv"ku"r n{ "vj go ugkxgu"qww'gxgt { "fc{ 0 Y j cv"kh" { qw'rkxgf "lp" c"eqwpt { "vj cv'y cu"hdwqwu{ "y gcmj { "cpf "pq"qpg"r ckf "czguA Y j cv"kh" { qw'rkxgf "lp" c"eqwpt { "y j gtg"hcwktg"ku"cp"qr vkpA"Y j cv"kh" { qw'rkxgf "lp" c"eqwpt { "uq" f go qetevk "vj cv" { qw"xqvgf "ugxgp"vko gu" c" { gctA"Y j cv"kh" { qw'rkxgf "lp" c"eqwpt { "y j gtg"gzeguukxg"vj kpnkpi "ku" f kucqwtci gf AY qwf " { qw'dg"j cr r { "vj gpA

Vj cvu"gzcevn{ "y j cv"K'lpvgpf gf "vq" hkp "qww. "cpf "vj g"tguwn"qh"vj ku"cf o kwgf n{ j ctgdtckpgf "gznrtgko gpv"ku"vj g"dqqm{ qw'pqy "j qrf "lp" { qwt"j cpf u0

Ky cu"dqtp"kp"vj g"l gct"qh"vj g"Uo krg{ "Hceg<3; 850Vj cwu"y j gp"ci ter j le"fguki pgt  
htqo "Y qteguvt. "O cucej wugwu. "pco gf "J ctxg{ "Dcm"lpxgpgf "vj g"pqy /wds wksqwu  
i tkppkpi "{gmty "i ter j k0Qtki kpcmf. "Dcmu"etgcvkp"y cu"fguki pgf "q"ej ggt"wr"r gqr ng  
y j q"y qtngf "cv"qh"cm"r rregu. "cp "kpuwtepeg"eqo r cp{. "dw"kv"j cu"ukpeg"dgeqo g  
u{pqpf{o qwu"y kj "vj g"htqy {."s wkvguugpvkcmf"Co gtlecp"dtcpf"qh"j cr r kpguu0

Dcmu"ej ggt{ "leqp"pgxgt"y qtngf "ku"o ci le"qp"o g0Kco "pqv"j cr r { "r gtuqp."pgxgt  
j cxg"dggp0Cu"e"ej kf."o { "hcxqtkg"Y kppkg/vj g/Rqj "ej ctcevt"y cu"Gg{qtg0Hqt"o quv  
qh"j wo cp"j kxqt{. "Ky qwf"j cxg"dggp"eqpukf gtgf "pqto cr0J cr r kpguu. "kp"vj ku"rhg. "qp  
vj ku"gtvj . "y cu"r tk g"tgutxgf "ht"vj g"i qf u"cpf"vj g"htwpcvg"hy 0Vqf c{. "vj qwi j . "pqv  
qpnf "ku"j cr r kpguu"eqpukf gtgf "r quukdg"ht"cp{ qpg"q"cwckp. "k"ku"gzr gevfg 0Vj wu"K"cpf  
o kkkpqu"qh"qj gtu. "uwhtg"htqo "vj g"wpk wgnf "o qf gtp"o cmf { "vj cv"j kxqtkep "F cttkp  
O eo cj qp"ecmu"vj g"wpj cr r kpguu"qh"pqv"dgkpi "j cr r { 0"K"ku"pq"hw"cvcm0

Cpf "uq. "rhg"o cp{ "qv gtu. "Kxg"y qtngf "cv"ku0Kpgxgt"o gv"cu"ugr/j gr "dqqm"Kf kf p0  
rhg0O { "dqqmj gh"ku"e"qy gtpi . "vgvgtkpi "o qpwo gpv"q"gzkvpgvkn"epi uv"dtko o kpi  
y kj "dqqm"lphqto kpi "o g"vj cv"j cr r kpguu"rgu"fggr "lpukf g"qh"o g0K"K0 "pqv"j cr r { .  
vj g{ "eqvpugn"vj gp"K0 "pqv"fi i kpi "f ggr"gpqwi j 0

Vj ku"czkqo "qh"vj g"ugr/j gr "lpf wutken"eqo r rgz "ku"uq"fggr n{ "kpi tclpgf "cu"q"dg  
ugr/gxkf gp0Vj gtg0qpnf "qpg"r tqdrgo <"K0"pqv"twg0J cr r kpguu"ku"pqv"lpukf g"qh"wu  
dw"qww"vj gtg0Qt. "q"dg"o qtg"r tgekug. "vj g"rkpg"dgw ggp"qww"vj gtg"cpf "kp"j gtg"ku"pqv"cu  
uj ctr n{ "f ghkpgf"cu"y g"vj kpn0

Vj g"rcvg"Dtkkuj /dqtp"r j kquqr j gt"Cmp"Y cwu. "lp"qpg"qh"j ku"y qpf gthwngewtgu"qp  
gcuvgtp"r j kquqr j { . "wugf "vj ku"cpcmi { <"0K"Kf tcy "c"ekerg. "o quv"r gqr ng. "y j gp"cong  
y j cv"K"j cxg"ftcy p. "y km"uc{ "K"j cxg"ftcy p"e"ekerg"qt"e"flue. "qt"e"dcn0Xgt{ "hy  
r gqr ng"y kmuc{ "Kxg"ftcy p"e"j qrg"lp"vj g"y cm"dgecwug"o quv"r gqr ng"vj kpnqh"vj g"lpukf g  
htuv"tcvj gt"vj cp"vj kpnkpi "qh"vj g"qwuuf g0Dw"cewcmf "vj gug"vy q"ukf gu"i q"qi gjv gt0  
{ qw"ecppqv"j cxg"y j cv"ku"kp"j gtg0wpguu"q"q"j cxg"y j cv"ku"qww"vj gtg00

Kp"qvj gt"y qtf u."y j gtg"y g"ctg"ku"xkcn"q"y j q"y g"ctg0

D{ "oy j gtg.0"K0 "ur gcnkpi "pqv"qpnf "qh"qwt"r j { uken"gpvktqpo gpv"dw"cuq"qh"qwt  
ewwutcn"gpvktqpo gp0"Ewwutg "ku"vj g"ugc"y g"uy ko "kp0 uq "r gtxcukg. "uq"cm/  
eqpuwo kpi . "vj cv"y g"hcni"q"pqkcg"ku"gzkvpgpeg"wpkn"y g"ugr "qww"qh"ku0K"o cwgtu"o qtg  
vj cp"y g"vj kpn0

Y kj "qwt"y qtf u."y g"uwdeqpuekwunf "eqphrcvg"i gqi ter j { "cpf"j cr r kpguu0Y g"ur gem  
qh"ugctej kpi "ht"j cr r kpguu. "qh"hpfi kpi "eqvpgvo gpv. "cu"kh"vj gug"y gtg"rqecvkvpu"lp"cp  
cvru. "cewcn"r rregu"vj cv"y g"eqwf "xluk"kh"qpnf "y g"j cf "vj g"rtqr gt"o cr "cpf"vj g"tki j v  
pcxki cvkqpcnunkmu0Cp{ qpg"y j q"j cu"cnegp"e"xccevkv"q. "uc{ . "uqo g"Ectkldgcp"ku"cpf  
cpf "j cf "hruj "vj tqwi j "vj gkt"o kpf "vj g"wpkpxkgf "vj qwi j v"0K"eqwf "dg"j cr r { "j gtg0  
npqy u"y j cv"K0 gcp0

Nwtkpi "lwuv"dgj kpf "vj g"ewtclp"ku. "qh"eqwtug. "vj cv"vpcvknf kpi . "unkr gt{ "eqpegr v  
npqy p"cu"r ctf kug0K"j cu"dgj wrgf "wu"j wo cpu"ht"uqo g"ko g"pqy 0Rrcv"ko ci kpgf "vj g  
Drguuf "Krgu. "c"r rreg"y j gtg"j cr r kpguu"hy gf "rhg"vj g"y cto "O gf kggtcpgcp"y cvgtu0  
Wpkn"vj g"gli j vggvj "egpwt{ . "r gqr ng"dgkxgf "vj cv"dkdkcn"r ctf kug. "vj g"l ctf gp"qh  
Gf gp. "y cu"e"tgcni"r reg0K"cr r gctgf "qp"o cr u0 rgecvf. "kqplecmf. "cv"vj g"eqphwpgpeg"qh  
vj g"Vki tku"cpf "Gwr j tcvu"tkxgtu. "lp"y j cv"ku"pqy "o qf gtp/f c{ "Kcs0

Gwtqr gcp"gzr mtgtu"r tgr ctgf "ht"gzr gf kkvpu"lp"ugctej "qh"r ctf kug"d{ "ngctpkpi  
Ctco cle. "vj g"rpi wci g"lguwu"ur qng0Kugv"qww"qp"o { "lqwtpg{ . "o { "ugctej "ht"r ctf kug.

ur gcnkpi "pqv"Ctco cle "dw"cpqvj gt "qduewtg"ncpi wci g. "vj g"o qf gtp "rkwti { "qh"drkuu  
ur qnngp"d{ "vj g"pgy "cr quwgu"qh"vj g"go gti kpi "uekepeg"qh"j cr r kpguu0K'dtwuj "wr "qp  
vgto u"rkng"ör qukxg"chhgevö"cpf "öj gf qple"cf cr wvkqp0K'ectt{ "pq"Dkdr. "Iwuv"c"lgy  
Nqpgn' "Rncpgv'i wkf gu"cpf "c"eqpxlevkqp"vj cv."cu"J gpt{ "O kngt"uckf. "öQpgau'f gukpcvkqp  
ku'pgxgt"c'r meg."dw"c'pgy "y c{ "qh'uggkpi "vj kpi u0

Cpf "uq. "qp"c"v{ r lecm{ "ugco { "f c{ "kp"O lco k"kuugn"uqo g"r gqr ngu"eqpegr v'qh  
r ctf kug+. "Kr cem'o { "dci u"cpf "f gr ctv'o { "j qo g"qp"y j cv'Knpqy "hwn'y gm'ku"c"hqqr  
gttcpf. "gxgt{ "dk/cu'hqqrkj "cu"vj g"qpg"Kvt kfg "q"r wnl'qh"cu"c"r gtr cvgke'hkxg/{ gct/qrf 0  
Cu"vj g"cwj qt "Gtle"J qhgt "r w"kv. "öVj g"ugctej "hqt"j cr r kpguu"ku"qpg"qh"vj g"ej kgh  
uqwtegu"qh'wpj cr r kpguu0Vj cvu'qnc{ 0K0 "citgcf { "wpj cr r { 0Kj cxg'pqvj kpi "q"iqug0

## VJ G'P GVJ GTNCP F U

### J cr r kpguu'Ku'c'P wo dgt

Kku'c'heev'qh'j wo cp'pcwtg'yj cv'y g'f gtxg'r ngcwtg'htqo 'y cvej kpi 'qy gtu'gpi ci g'lp r ngcwtcdng'cevu0'Vj ku'gZR nkp'u'yj g'r qr wctkx' "qh'vy q "gpvgr tkugu<r qtpqi tcr j { "cpf ech' u0Co gtlecpu'gzev'cv'yj g'htqo gt."dw'Gwtqr gcpu'f q'c"dgwgt'ld'cv'yj g'rwgt0'Vj g hqf' "cpf 'y g'eqhgg'ctg'cm quv'dgukf g'yj g'r qkp0Kqpeg'j gctf "qh'c"ech' "lp'VgnCxx' 'y cv f kur gpugf 'y kj 'hqf' "cpf "f tkpnl'cnqi g'yj gt="k'ugtxgf "ewuqo gtu'go r v' "r nvgu"cpf "ewr u { gv'ej cti gf "tgcrl'o qpg{0

Ech' u'ctg'yj gcvgtu'yj j gtg'yj g'ewuqo gt "ku'dqy "cwf kgpeg"cpf "r gthqto gt0'Khpf "c y qpf gthwn'qpg'c"dmqen'htqo "o { "j qvgn'lp'f qy pvy p'Tqwgtf co 0'K'ku'uko wncpgqwan' rcti g' "cpf "eq { . "w uecng"cpf "twp/f qy p0'P leg'y qf "hqtu."dw'yj g { "mqm'rkng'yj g { j cxgpw'dggp'r qnkj gf "kp" { gctu0'Ku'yj g'npf "qh'r nreg'yj j gtg" { qw'eqwf "ur gpf "j qwtu pwtulpi "qpg'dggt."cpf "Kuwur gev'o cp { "r gqr ng'j gtg'f q'l'wv'yj cv0

Gxgt { qpg'ku'uo qnkpi . "uq'Klqkp'lp."hi j vpi "wr "c"rkvrng'eki ct0'Uqo g'y kpi "cdqw'yj g r nreg'o cngu'vko g'hgn'gZR cpukxg'cpf "Kdgeqo g'cewgn' "cy ctg'qh'yj g'uo cngu'f g'ckn0K pqleg'c"y qo cp'ukvpi "qp" c"det "uqqn"j gt "ngi u'r gtr gpf lewrt. "tguvpi "qp" c"pgctd { dcpkngt "uq'yj cv'yj g { "htqo "c"rkvrng'f tcy dtkf i g."y j lej "uj g'tckugu"cpf "ny gtu'cu'r gqr ng r cuu'd {0

Kqtf gt "uqo g'y kpi "ecmgf "c"Vtr kng"dggt0'Ku'y cto 0'P qto cm { . "Kf qpw'rkng'y cto dggt."dw'Krkng'yj ku'dggt0Cm'ctqwpf "o g'Kj gct'yj g'r ngcupv'ej qtrng'qh'F wej 0K'uqwpf u xci wgn' "hco kkt. "y qwi j "Kecp'w'ko ci kpg'yj j { 0'Vj gp "k'f cy pu"qp"o g0'F wej "uqwpf u gzcew' "rkng" "Gpi rkuj "ur qngp "dceny ctf 0'K'npqy "y ku'dgecwug "Kxg"j gctf "c"mv'qh dceny ctf "Gpi rkuj 0'K'yj g'r tgf ki kcn'gtc. "Kf "gf k'vr g'ht"o { "P RT"uqtkgu"qp" c'tggv'vq/ tggv'vr g'f gen'yj g'uk' g'qh'c"VX"ugv0'Kpxctkcdn' . "y ku'y qwf "gpvkn'r n { kpi "ugi o gpw'qh yj g'vr g'dceny ctf 0'Cu"Kuk'lp'yj g'ech' . "y kj "o { "rkvrng'eki ct "cpf "o { "y cto "Vtr kng dggt. "K'y qpf gt "kh"Ktgeqtf gf "uqo gqpg"ur gcnkpi "F wej "cpf "r n { gf "y cv'dceny ctf . y qwf "k'uqwpf "rkng'tgi wrt "Gpi rkuj A

Cu { qw'j cxg'pq'f qwdv'wto kugf . "Kco "c"o cp'y kj "vko g'qp"o { "j cpf u0Nqu'qh'vko g0 Dw'yj cv'ku'yj g'y j qrg'r qkp'v'qh" c"Gwtqr gcp "ech' <'vq "rkpi gt "gzeguukxgn' "cpf "wwgt n' y kj qw'i wkn0P q'y qpf gt "o quv'qh'yj g'y qtrf w'i tgcv'r j kquqr j gtu'eco g'htqo "Gwtqr g0 Vj g { "j wpi "qw'cv'ech' u'cpf "rgv'yj gkt "o kpf u'y cpf gt "wpvkn'uqo g'tcf kcm' "pgy "uej qqn'qh r j kquqr j { ô gzknv'vkn'uo . "uc { ô r qrr gf "kpq'yj gkt "j gcf u0'K'j cxg'pqv'eqo g'j gtg'vq kpxgpv'c'pgy "uej qqn'qh'r j kquqr j { 0'P qv'gzcew' 0'Kco "gpi ci gf "kp'yj cv'yj g'Hlgpej "ecm

re'ej ciug'cw'dqpi gw. 'vj g'j wv'htq'j cr r kpguu0

Ur gekhecmf. 'o { 'r tgf { 'ku'c'F wej 'r tqhguaqt 'pco gf 'Tww/Xggpj qxgp<'vj g'i qf hc'vj gt qh'j cr r kpguu'tgugetej 0'Xggpj qxgp 'twpu'uo g'j kpi 'ecmgf 'vj g'Y qtrf 'F cvedcug'qh J cr r kpguu0K'ku'p'q' lqng0Xggpj qxgp'j cu'eqngevgf. 'kp'qpg'iqecvkqp. 'vj g'uwo 'qh'j wo cp npqy ngf i g'cdqw'y j cv'o cngu'wu'j cr r { . 'y j cv'f qgu'pqv.'cpf. 'qh'r ct'ewrct 'kpvtg'uv'vq o g. 'y j lej 'r negu'ctg'vj g'j cr r kgu0K'vj gtg'ku'lpf ggf 'c'tqcf 'o cr 'qh'j cr r kpguu'qww vj gtg.'cp'cvcu'qh'druu.'vj gp'Tww/Xggpj qxgp'y kn'npqy 'cdqw'k0

Krgcxg'vj g'echf. 'tgnwecp'v'f. 'cpf 'j gcf 'dcem'v'q'o { 'j qvgn'htq'f kppgt0Tqwgtf co 'ku pqv'c'dgcw'k'w'ekf 0K'ku'i tc { 'cpf 'f w'n'y kj 'hgy 'uki j w'u'qh'kpvtg'uv'U'km'Tqwgtf co au o lz 'qh'pc'xg'F wej 'cpf 'ko o ki tcpw. 'o cp { 'qh'vj go 'O w'uko u. 'rgcf u'v'q'uo g kpvtg'uv'kpi 'lw'vr qu'k'k'pu0Vj g'Engqr c'v'c'Ugz 'Uj qr. 'vj g'y kpf qy 'f kur m { 'qh'y j lej eqpuku'qh'c'o gpci gt'kg'qh'nti g'cpf 'crcto kpi n { 'r'k'k'ng'f k'f qu. 'ku'qpn { 'qpg'dm'em htqo 'vj g'Ren'k'w'p'K'uo le'Egpvt0Cv'qpg'r q'kp'v.'K'ecvej 'c'y j k'h'qh'o ct'kwpc. 'vj g h'ci tcp'v'ctqo c'qh'F wej 'v'q'gtcpeg<ugeqpf j cpf 'u'v'q'ng0Vy q'dm'em'u'rvgt. 'Kugg'c'o cp r gtej gf 'qp'c'rcf fgt. 'j cpi kpi 'c'i k'p'v' { g'm'y 'em'i 'qp'c'u'v'q'tgh'q'p'v.'y j k'g'd'm'y 'v'y q O k'f f'ng'Gcu'gtp'o gp'i tggv'gcej 'q'v'gt'y kj 'u { o o g'v'k'ec'n'r gemu'qp'vj g'ej ggn0K'f qp'v npqy 'gzce'v' { 'y j gtg'vj g { dg'htqo. 'dw'uo g'qh'vj g'ko o ki tcpw'j gtg'eqo g'htqo eqv'p't'kgu'y j gtg'creqj qn'ku'k'ngi cn'cpf 'y qo gp'ctg'eqxgtgf 'htqo 'j gcf 'v'q'v'qg0K'p'vj g'kt cf qr v'g'j qo g.'o ct'kwpc'ku'ngi cn'cpf 'u'q'ku'r tq'uk'w'k'qp0P q'y qpf gt 'Kup'k'h'v'g'p'k'qp'kp vj g'ct. 'o kpi n'kpi 'y kj 'vj g'ecppcdku0

Vj g'j qvgn'f k'p'kpi 'tqqo 'ku'uo cm'eq { 0'Vj g'F wej 'f q'eq { 'y g'n0K'qtf gt 'vj g cur c'tci w'u'uw'r 0'K'ku'i q'qf 0'Vj g'y c'k'gt 'engtu'o { 'dqy n'cpf 'vj gp'uc { u.'oP qy 'o c { dg { qw'y q'w'f 'k'ng'uo g'kpvtgeqwtug0

0Gzewug'o gA0

0kpvtgeqwtug0 qw'ecp'j cxg'kpvtgeqwtug0

Ko 'vj k'p'kpi. 'Y qy. 'vj g'F wej 't'gcm' { ctg'c'r gto ku'k'xg'dwpej. 'y j gp'k'f cy pu'qp o g'vj cv'j g'ku'ur gcm'kpi 'qh'uo g'v'kpi 'g'ng'gp'v'k'ng'0K'p'vt 'eqwtug0Cu'kp'0dg'y ggp eqwtug0

0 gu.0'Kuc { . 't'g'k'x'g'f 00Vj cv'y q'w'f 'dg'p'leg0

Cpf 'uq'K'f q0K'j cxg'kpvt'eqwtug. 'tki j v'vj gtg'kp'vj g'J qvgn'xcp'Y cnuwo 'f k'p'kpi tqqo 0K'gplq { 'k'x'gt { 'o wej. 'vj ku'w'p'j w't'kg'f 'f k'p'kpi 'g'zr gt'k'p'eg0K'ku'r 'o { 'dggt. 'u'v'ctg'kp'v ur ceg. 'cpf. 'kp' 'i gp'gtcn 'f q'p'q'v kpi 0 w'p'k'n'vj g'y c'k'gt 'dt'kpi u'vj g' 'i tk'ng'f 'ucn qp. k'p'f k'ec'v'kpi 'vj cv.'htq'p'qy. 'o { 'kpvt'eqwtug'ku'q'x'gt0

Kp'vj g'o qtp'kpi. 'K'w'ng'vj g'u'w'dy c { 'v'q'o { 'J qn { 'I t'ck'<'vj g'Y qtrf 'F cvedcug'qh J cr r kpguu. 'qt 'Y F J 0'P qto cmf. 'K'f q'p'q'v'cu'q'ek'v'g'vj g'y q'tf u'0j cr r kpguu0'cpf 0f cvedcug.0'dw'vj ku'ku'f k'h'gt'gp'0Vj g'Y qtrf 'F cvedcug'qh'J cr r kpguu'ku'vj g'ugew'ct'k'w'u cpuy gt'v'q'vj g'X'c'v'ecp'cpf 'O geec'cpf 'L'gtw'uc'ngo 'cpf 'Nj cuc.'cm't'q'ng'f 'kp'v'q'p'g0J gtg { qw'ecp.'y kj 'vj g'er'ken'q'h'c'o q'w'ug.'ceegui'vj g'u'get'gw'qh'j cr r kpguu0U'get'gw'd'cug'f 'p'q'v qp'gr j go g'tcn't'g'x'g'v'k'qp'kp'uo g'c'p'ek'p'v'f'g'ug't'v'dw'qp'o q'f gtp'ue'k'p'eg'='u'get'gw k'p'uet'k'd'gf 'p'q'v'qp'r c'tej o gp'v'dw'qp'j c'tf 'f t'k'x'g'='y t'k'w'gp'p'q'v'kp'C'tco c'k'c'dw'kp'vj g' r'p'i w'ci g'qh'q'w't'k'o gu.'d'k'p'ct { 'eqf g0

Ky cm'c'hgy 'dm'em'u'htqo 'vj g'u'w'dy c { 'cpf 'co 'k'p'uc'p'v'f 'f k'ur r q'k'p'v'g'0Vj g'eq'ngi g eco r w'u'y j gtg'vj g'Y F J 'ku'j q'w'ug'f 'm'q'm'u'o q'tg'r'k'ng'c'u'w'd'w'd'c'p'q'h'h'eg'r c'tn'vj cp'c egp'v'gt 'qh'druu. 'vj g't'gr qu'k'qt { 'qh'j wo c'p'k'x' { au'npqy ngf i g'cdqw'j cr r kpguu0K't { 'v'q u'j twi 'q'h'vj ku'h'g'g'k'p'i 0'C'h'gt 'cm'y j cv'y cu'K'g'zr g'ev'k'p'i A'Vj g'Y k'ctf 'qh'Q' A'Y kmf

Y qpme"cpf "y j g"Qqo r c"Nqgo r cu'uewt{ lpi "ctqwpf "uj qwlp "geucvlecml . "ōY gōxg"i qv  
ku. "y gōxg"i qv'k0Vj g"ugetgv"vq"j cr r kpguu0AP q. "Kī wguu"pqv. "dw'Kj cf "dggp"j qr kpi "hqt  
uqo gjj kpi "c"ikwrg'iguu'uvgtkrg0O qtg"j cr r { . "iguu"fcvc0

Ky cmi'f qy p" c"pqp guetkr v'eattkf qt "cpf "mpqem"qp" c"pqp guetkr v'qhhleg" f qqt0C  
o cp"y kj "c" F wej "ceegpv" { gmu"ht "o g"vq" gpvgt0Vj gtg"j g"ku0Ft0Hggri qqf "j ko ugrh0  
Tww'Xggpj qxgp "ku" c"vko "o cp. "kp"j ku" gctn { "ukz vku. "Kī wguu0J g"j cu" c"ucn/cpf /r gr r gt  
dgctf "cpf "dtki j v. "grgewtke" g { gu0J g"ku" f tguugf "kp" cm'drcemō uv { rkuj . "pqv'o qtdkf "drcem0  
J g"mqmu" xci wgn { "hco kktct. "cpf "y j gp "Ktgcrl g"y j { <"J g"mqmu" rknng" c" F wej "Tqdkp  
Y krlco u. "y kj "y j g"uco g"eqkrgf "gpgti { "cpf "urki j v { "ko r kuj "i tlp0J g"ur tkpi u"htqo "j ku  
ej ckt "cpf "qhhgtu"j ku"j cpf "cpf "c" dwulpguu"ectf . "y j lej "tgcf u<"ōTww'Xggpj qxgp.  
Rtqhguaqt "qh"J cr r kpguu"Uwf lgu0

J ku"qhhleg"mqmu" rknng"y j cv'qh"cp { "rtqhguaqt<"dqmu"cpf "r cr gtu"gxgt { y j gtgō pqv  
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i tqy u"ukrgpv"cpf "y cku"ht "o g"vq"vcml0

Kf qp0hpqy "y j cv'vq"uc { 0Cu" c"lqwtprku. "Kxg"eqpf wegf "j wpf tgf u"qh"lpvgtxky u0  
Kxg"lpvgtxky gf "nkp i u"cpf "r tgukf gpw"cpf "r tko g"o kpvgtu. "pqv"vq"o gpvqp"j gcf u"qh  
vgttqtuv"qti cpl cvkpu"rknng"J gl dqmcj 0I gv'ukvki "j gtg. "cetquu"htqo "y ku"nkp f n { "F wej  
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y j g"pwo dgtu. { "qwxg"uww kfg "j cr r kpguu" { qwt "gpvktg"r tqhgukpncn"rknng"=r ngcug"i kxg"kv'vq  
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Dw'Kf qp0uc { "y j cv0Kecp0uj cng" { gctu"qh"vclpki . "y j lej "vgn'o g"vq"o clpvclp"o {  
f kucpeg"htqo "o { "uwdlgev"cpf "pgxgt. "gxgt"tgxgc"vq"o wej "cdqw"o { ugrh0Kō "rknng"y j g  
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Gxgt { qpg"qp"j ku"eqmgi g"eco r wu"y cu"uo qnkp i "f qr g. "y gctkpi "Ej g" I wgxctc "V/uj ktu  
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j g"y j qwi j v. "y j { "pqv"lwf i g"kv'd { "ku"tguwmu"AY gtg "ku"ekkl gpu"j cr r { A'Xggpj qxgp0u  
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pco gf "lgtgo { "Dgpj co 0Dgpj co "hco qwun { "gur qwugf "y j g"wkktctkcp"r tkpkr ng. "ōy j g  
i tgcvguv"j cr r kpguu"qh"y j g"i tgcvguv"pwo dgt0Xggpj qxgp "y qwf "j cxg"i rcf n { "y qtp" c  
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Xggpj qxgp "y cu"uww { kpi "uqelqmgi { ō c" hgrf "y j cv. "cv"y j g"vko g. "o gcpv"qpn { "y j g  
uww { "qh"ulen"uqelgvku. "f { uhvpevkpcn"qpgu0Ku"ukvgt "f kuekr rkp. "r u { ej qmgi { . "uww kfg  
ulen"o kpf u0"Dw"pqv" { qwpi "Tww0J g"y cu"kpvgtgugf "kp"j gcni { "o kpf u"cpf "j cr r {  
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y kj "uqrf "cecf go le"etgf gpvcln. "qrf"j ko . "kp"pq"vpegtvclp"vgtu u. "vq"uj w'w'w' "cpf "pgxgt



o gpvkvq "vj cv'y qtf "ci clp0J cr r kpguu'y cu'pqv'c'ugtqwu'uwdlgev0

Xggpj qxgp'rglw."ej curkugf "dw'uetgw" "r rncugf 0J g'npqy "j g'y cu'qp'v'q'uqo gyj kpi 0 K'uq"j cr r gpgf. "vj qwi j "vj g" { qwpi "F wej "i tcf wcvg"uwf gpv'f kf pøv'npqy "cv'y g"ko g. eqwaf pøv'r quukdn { "j cxg'npqy p. "vj cv'ctqwpf "vj g'y qtrf "uqekn'uelgpkvu'y gtg'y cnkpi "wr vq" c"pgy "f kuekr rkpq<"j cr r kpguu'uwf kgu0Vqf c { .Xggpj qxgp "ku'cv'y g' hqtghtqp'v'qh'c' hkgf vj cv"ej wtpu "qw"j wptgf u "qh"tgugctej "r cr gtu" gcej " { gct0" Vj gtg "ctg "j cr r kpguu eqphgtgpegu'cpf "c" *Lqwtpcn'qh'J cr r kpguu'Uwf kgu\** y j lej "Xggpj qxgp"gf ku+0Uwf gpv'cv Emtgo qpV I tcf wcvg "Wpkxgtukv { "kp'Ecrkhtpkc"ecp'pqy "gctp"cp"OC"qt"Rj F "kp'r qukxg r u { ej qm { { ð kp"j cr r kpguu0

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Vj g"eqpvg o r rkvqp"qh"j cr r kpguu. "qh"eqwtug. "ku'pqv'pgy 0Vj g" cpekpV I tggmu"cpf Tqo cpu'f kf "c"mqv'qh'k0Ctkvqvg. "Rrcv. "Gr lewtu. "cpf "qvj gtu'uy gcvgf "qxgt"vj g'gvtpcn s wgu'kpu0Y j cv'ku"vj g"i qqf "rhgA"Ku"r rncuwg"vj g"uco g"cu"j cr r kpguuA"Y j gp"ctg"y g i qkpi "vq"lpxgpv'lpf qqt'r nwo dlp A

Ncvt. "vj g" I tggmu"cpf "vj g" Tqo cpu'y gtg"lqkpgf "d { "qvj gtu. "r crgt/unlppgf "o gp"htqo rcpf u'htvj gt "pqtj "y j q"ur gpv'cp"lpqtf kpcvg"co qwpv'qh'ko g"lp"ech'u. "eqpvg o r rkvpi rhgA"kpz vtecdng"s wcpf ctkgu0O gp"rkng"Mcpx. "Uej qr gpj cwtg. "O km "P kvj uej g. "cpf. rrvgt. "Nctt { "F cxkf 0Vj g { . "vq. "j cf "o wej "vq"uc { "cdqw"j cr r kpguu0

Cpf "vj gp"vj gtg"ku"tgrki kqp0Y j cv'ku"tgrki kqp "kh"pqv'c"i wkf g"vq"j cr r kpguu. "vq"drkuuA Gxgt { "tgrki kqp"kpustwv"hmmy gtu"kp"vj g'y c { u"qh"j cr r kpguu. "dg"kv'kp"vj ku"rhg"qt "vj g pgzv. "dg"kv'j tqwi j "uwd o kuukp. "o gf kcvkp. "f gxqvkv. "qt. "kh" { qw"j cr r gp"vq"dgmp i "vq vj g"lgy kuj "qt"Ecj qrke'hkij. "i vkn0

Cn'qh'vj ku'o c { "j cxg"dggp"j gr hwn"gpri j vgpki "gxgp. "dw'k'y cupø'uelgpeg0K'y cu qr kpkpu'cdqw"j cr r kpguu0Ngctpgf "qr kpkpu. "pq" f qwdv. "dw'qr kpkpu"pqpgy gruu. "cpf kp"vqf c { øv'y qtrf "y g"j cxg'rkvg"tgi ctf "hqt"qr kpkpu. "gzegr v'r quukdn { "qwt"qy p"cpf "vj gp pqv'cnj c { u0P q. "y j cv'y g"tgur gev. "r c { "j ggf "vq. "ku"j ctf "uelgpeg"qt. "hckpi "vj cv."uqlv uelgpeg0O quv'qh'cm"y g"mqxg"c"i qqf "uwf { 0P gy uecvgtu'npqy "kpu'kpxgn { "vj cv'y g dguy'v c { "vq"i gv'r gqr rgu"gtu"vq"r gtm'wr "ku'y kj "vj gug"hxg"y qtf u'öC"pgy "uwf { "j cu hqwpf 0K'o cwgto"rkvg"y j cv'hmqy u"pgz0C"pgy "uwf { "j cu"hqwpf "vj cv'tgf "y kpg"ku i qqf "hqt" { "qw"l'nkmu" { qw0C"pgy "uwf { "j cu"hqwpf "vj cv"j qo gy qtm'f wmu"vj g"dtckp"1 gpri ti gu"koY g"gur gekm { "rkng"uwf kgu"vj cv'rgpf "etgf kdkk { "vq"qwt"qy p"kf kqu { petcukgu. cu'kp. "öC"pgy "uwf { "j cu"hqwpf "vj cv'r gqr rg"y kj "o guu { "f gumu"ctg"uo ctvgtö"qt "öC"pgy uwf { "j cu"hqwpf "vj cv'o qf gtcvg" f ckn { "rcwrgpeg"ko r tqxgu'qpi gxk { 0

[ gu. "kh"vj ku'pgy "uelgpeg"qh"j cr r kpguu'y cu'vq"dg"cnngp"ugtqwu. "k'pggf gf "uwf kgu0 Dw'hktuv. "k'pggf gf "c"xqecdwrct { . "c"ugtqwu"lcti qp0Vj g"y qtf "öj cr r kpguu"y qwf pøv f q0K'uqwpf gf "vq"htkxmqwu. "vq"gcukn { "wptgtuqqf 0Vj ku'y cu"c"r tqdrgo 0Uq"vj g"uqekn uelgpkvu"eco g"wr "y kj "c" f qql { <"öuwdlgev"yg"gm/dgkpi 0Rgthgev0P qv'qpn { "y cu"kv o wku { mcdle"cpf "xkwcm { "ko r gpgvcdng"vq"rc { r gqr rg. "k'cnq"eqwf "dg"eqpf gpugf "kpq cp"gxgp"o qtg"qduwtg"cetqp { o <"UY D0Vq"vj ku" f c { . "kh" { qw"y cpv'vq"lkpf "vj g"rcvgv uej qrcn { "tgugctej "qp"j cr r kpguu. " { qw'pggf "vq" I qqi rg"öUY D.ö"pqv'öj cr r kpguu0P gzv eco g"qvj gt "r kgegu"qh"vj g"lcti qp"r w | rg0öRqukxg"chgevo"ku"y j gp"uqo gyj kpi "hggnu i qqf =öpgi cvkxg"chgevo"kuö { qw'i wguugf "kô y j gp"uqo gyj kpi "hggnu'dcf 0

P gzv."y j g'pgy 'uelgpeg'qh'j cr r kpguu'pggf gf 'f cxc0P wo dgtu0Hqt'y j cv'ku'uelgpeg'kh pqv'pwo dgtu.'r tghgtcdn{ 'hcti g'qpgu'y kj 'hqu'qh'f geko cn'r qkpu0Cpf 'j qy 'f q'uelgpkuvu i gv'y gug'pwo dgtuAVj g{ 'o gcuwtg'y kpi u0

Qj . "pq0'O clqt "tqcf dmep0'J qy "ecp "{ qw"o gcuwtg"j cr r kpguuA"J cr r kpguu"ku" c hggkpi . "c"o qqf . "cp"qwwqnmq'p'rhg0J cr r kpguu'ecp0'dg"o gcuwtgf 0

Qt'ecp'k'AP gwtquekpvku'cv'y j g'Wp'kxgtuk{ 'qh'K'y c"j cxg'kf gp'k'k'kf 'y j g'tgi kqpu'qh y j g'dtclp'cuuqekcvf 'y kj 'i qqf "cpf "dcf "o qqf u0Vj g{ 'f q'y ku'd{ 'j qqnkpi "wr 't'gugctej uwdlgeu"\*eqmgi g'uww gpw'kp'pggf "qh's wkm'ecuj + "vq"O TKo cej kpgu'cpf 'y j gp'uj qy kpi y j go "c "ugt'gu"qh"r lewtgu0"Y j gp "y j g{ "uj qy "r gqr ng "r ngcucpv"r lewtgu0 /dweqrle rcpf uecr gu."f q'r j kpu'r r{ kpi ô r ctu'qh'y j g'r tghtqpvcn'ndg"ctg"cevkxcvgf 0Y j gp'y j g{ uj qy "wpr ngcucpv'ko ci guô c "dkf "eqxgtgf "kp"qkn" c" f gcf "uqf lgt'y kj "r ctu'qh'y ku'hceg o kulkpi ô y j g"o qtg"r tko k'xg"r ctu'qh'y j g'dtclp "rki j v'wr 0'J cr r { "hggkpi u. "kp"q'y j gt y qtf u."tgi k'vgt 'kp'y j g'tgi kqpu'qh'y j g'dtclp'y j cv'j cxg'gxqrxgf "o quv'tgegpv{ 0K'v'ckugu'cp kvtki wpi "s wgunqp<Ctg'y j g. "kp"gxqrxkqpc{ 'kh'p'qv'r gtuqpcn'vgt o u."uqwe j kpi "vqy ctf j cr r kpguuA

T'gugctej gtu "j cxg "vq{ gf "y kj "q'y j gt "y c{u"qh"o gcuwtkpi "j cr r kpguu<" utguu j qto qpgu."ectf kce "cevkxk{ . "cpf "uqo gy kpi "ecngf "ôhcekn"eqf kpi ôô eqwpvpi "j qy o cp{ "ko gu"y j g"uo k'g. "hqt "kpu'cpeg0'Cm"qh"y j gug "vej pls wgu"ctg "r tqo kulkpi . "cpf . kpf ggf . "qpg" f c{ "uelgpkuvu"o c{ "dg"cdng"vq "ôvcng" { qwt "j cr r kpguu0"y j g'y c{ "c" f qevqt vqf c{ "vcngu" { qwt "vgo r gtcwtg0

P qy . "y j qwi j . "y j g"o clp'y c{ 't'gugctej gtu"o gcuwtg"j cr r kpguu"ku'y j tqwi j "c" hct"o qtg ngy /vej "cpf . "y j gp" { qw'y kpm'cdqwk'k' s wkg'qdxkqu"vej pls wgoVj g{ "cun'r gqr ng"j qy j cr r { "y j g{ "ctg0T gcm' 0'ôCm"y j kpi u"eqpuk'gtgf . "j qy "j cr r { "y qwf " { qw'uc " { qw'ctg y j gug" f c{ u0"Vj cv'ku"y j g"s wgunqp. "o qtg"qt "nguu. "y j cv'wtxg{ qtu"j cxg" cun'gf "r gqr ng ctqwpf "y j g'y qtrf "hqt"y j g'r cuv'hqt v{ "qt"uq" { gctu0

T'www"Xggpj qxgp "cpf "j ku"eqmgi wgu"emko "y j cv"y j g"cpuy gtu"ctg "tgo ctnedn{ ceewtcvg0'ô qw'ecp"j cxg" c" f kugcug"cpf "pqv'npqy "kx.ô"Xggpj qxgp"vgmu"o g. "ôdw" { qw ecp0'dg"j cr r { "cpf "pqv'npqy "k0D{ "f gh'p'k'k'kp. "kh" { qw'ctg"j cr r { . " { qw'npqy "k00

Rgtj cr u. "dw"o cp0u"ecr cek{ "hqt "ugr'h f gegr vqp "ku"pqv"vq "dg"wpf gtguko cvgf 0'Ctg y j g" kpf ggf "ecr cdng"qh"i cwi kpi "qwt "qy p"j cr r kpguuA"Vj gtg"y cu"y j ku"o qo gpv. "hqt kpu'cpeg. "y j gp "K'y cu"ugxgpvgg" { gctu"qrf "y j cv'K'y qwi j v'K'y cu"xgt { "j cr r { "kpf ggf . eqo r ngv'n{ "eqpvgpv."y j qw'c"ectg"kp"y j g'y qtrf 0'K'p"tgtqur gev. "k'wtpu"qww'K'y cu'l'wuv gzvtgo gn{ "uqpgf "cv'y j g'ko g0Rnuu."dgg"y cu'kpxqrxgf 0K'y kpn0

Cpqy j gt "ur ggf "dwo r "qp"y j g'tqcf "vq"j cr r kpguu<"F k'htgtpv'r gqr ng" f gh'k'p'g"j cr r kpguu f k'htgtpv{ 0' l qwt "kf gc"qh"j cr r kpguu"o c{ "pqv'dg"y j g"uco g"cu"o kpg0'O { "hcxqtkg f gh'p'k'k'kp "qh"j cr r kpguu"ur t'epi "htqo "y j g"o kpf "qh"cp "wpj cr r { "o cp"pco gf "P qcj Y gduvgt0"Y j gp "j g"r gppgf "y j g" hktuv"Co gtkecp "f k'v'k'p'pct{ . "kp"3: 47. "j g" f gh'k'p'gf j cr r kpguu"cu"ôy j g"ci tggcdng"ugpucv'kpu"y j kej "ur t'kpi "htqo "y j g" gplq{ o gpv'qh"i qqf 00 Vj cv'uc{ u'k'cn0'K'j cu"ôci tggcdng"ugpucv'kpu.ô"y j g"pqv'k'p"y j cv'j cr r kpguu"ku" c" hggkpi 0 Vj g"j gf qpkuvu"y qwf "i gv"qh"qp "y j cv'0'K'j cu"ôgplq{ o gpv.ô"y j kej "uki p'k'k'gu"y j cv j cr r kpguu"ku"o qtg"y j cp'r wtg'cpko cn'r ngcuwtg0Cpf "gplq{ o gpv'qh'y j cv'A'Qh'y j g'ôi qqf . ô c"y qtf "y j cv. "K'y kpm"Y gduvgt "uj qwf "j cxg"ecr kcrk' gf 0'Vj g"l qqf 0'Y g"y cpv"vq" hggn i qqf "dw'hqt"y j g'tki j v'tgcuqpu0Ctkuqvg"y qwf "j cxg"cr r tqxgf "qh'y cv'00J cr r kpguu"ku" c" xk'wqwu'cevkxk{ "qh'y j g'uqwnô"j g'uc'kf 0C"xk'wqwu"rhg. "kp"q'y j gt "y qtf u."ku" c"j cr r { "rhg0

Y g"j wo cpu'ctg'etgcwtgu'qh'y j g'rcuv'hxg"o kpwgu0'k'p'pg'uwwf { . "r gqr ng"y j q'hqwpf c" f ko g"qp"y j g"r cxgo gpv" c" hgy "o kpwgu"dg'htg"dgkpi "s wgtk'gf "qp"y j g"j cr r kpguu s wgunqp"tgr qtvgf "j ki j gt "hgxnu"qh'uc'k'k'cevk'p"y j kj "y j gkt"qxgtcm'hxgu"y j cp"y j qug"y j q f kf "pqv'h'k'p'f "c" f ko g0T'gugctej gtu"j cxg"v'k'gf "vq"i gv'ctqwpf "y j ku"s wkm'qh"y j g"j wo cp

r u{ej g"vj tqwi j "uqo gjv lpi "ecmgf "vj g"gzr gtlgpeg/ucor r lpi "o gjv qf 0Vj g{ "utcr "rkwr Rcm "Rlnqórkng" f gxlgu"q"tugcte j "uwlgeu"cpf "vj gp"r lpi "vj go "o c{dg"cf q| gp"ko gu c"fc{0Ctg}{qwj} cr r { "pqy AY j cvcdqwl"pqy AJ gtg. "vj qwi j . "vj g"J gkugpdgti "rtlpekr ng tgetu"ku"j gcf 0Vj g"o gtg"cev"qh"qdugtxlpj "uqo gjv lpi "cngtu"koCm"qh"vj cv"r lpi lpi . "lp qvj gt"y qtf u."o ki j v"chgev"vj g"uwlgeu"j cr r lpguu0

Cnuq."o quv"r gqr ng"y cpv"q"r tgugpv"j cr r { "hceg"q"vj g"y qtrf 0Vj cv"gzr nkpuy j { r gqr ng"eqpukngpv" tgr qtv"j ki j gt"j cr r lpguu"ngxgnu"y j gp"vj g{ "ctg"cumgf "kp"hceg/q/ hceg"lpvgtxlg y u"tcvj gt"vj cp"lp"o ckl"lp"uwtxg{ u0Cpf "y g"tgr qtv"gxgp"j ki j gt"j cr r lpguu ngxgnu"kh"vj g"lpvgtxlg y gt"ku"o go dgt"qh"vj g"qr r qukg"ugz0Kpukpevkgf . "y g"npqy "vj cv j cr r { "ku"ugz{ 0

J cr r lpguu"tugcte j gtu."j qy gxgt. "ctg"s wleni"q" f ghgpf "vj gk"y qtn0Hqt "qpg"vj lpi . r gqr ngau"cpuy gtu"ctg"eqpukngpv"qxgt "ko g0Cnuq. "tugcte j gtu"eqttqddtcvg"r gqr ngau tgr qpugu"d{ . "hqt"lpucpeg. "ej genlpi "y kj "vj gk"tlkpf u"cpf "tgrvkgu0öF qgu"lqg"uggo rkng"o"j cr r { "r gtuqp"q" { qwAö"K"wtpu"qww"vj cv"vj gug"qwwkf g"cuuguu gpv"vgpf "q"ldg y kj "qwt"qy p" f gi tgg"qh"r gtekgxgf "j cr r lpguu0Dgukf gu. "uekgpvku"o gcuwtg"KS "cpf cvkwf gu"qy ctf "kuwgu"rkng"tcekuo . "y j lej "ctg"cuq"uwlgevg0Y j { "pqv"j cr r lpguu"cu y gmAQt"cu"O kj "a n{ "Eu"m{ gpw kj cn{k"o"i kcpv"lp"vj g"hgfr "qh"j cr r lpguu"uwlfgu. "r w"kw< öY j gp"o"r gtuqp"uc{ u"j g"ku"r tgw{ "j cr r {ø"qpg"j cu"pq"tki j v"q"ki pqtg"j ku"ucvgo gpv"qt lpvgr tgv"kv"q"o gcp"vj g"qr r qukg0

Uq"cuuwo lpi "vj cv"vj gug"j cr r lpguu"uwlfgu"ctg"tgcupcdn{ "ceewtcvg. "y j cv"j cxg"vj g{ hqwpf AY j q"ku"j cr r { ACpf "j qy "f q"Klqp"vj go AVj ku"ku"y j gtg"TwvXggpj qxgp"cpf j ku"fcvdcug"eqo g"lpvq"r n{ 0

Xggpj qxgp"ngcf u"o g"q"o"tqqo "cu"pqp f guetkr v"cpf "uqwngu"cu"vj g"tguv"qh"vj g eco r w0Kpukf g"ku"o"dcpm"qh"o"j chf q| gp"eqo r wgtu0Vj g{ "ctg"o cppgf "d{ "vj g"uo cm o quw{ "xqnpvggt"uchh"qh"vj g"Y FJ . "papg"qh"y j qo "mqmu"gur gekm{ "j cr r { 0Krgv"vj ku lpeqpi twk{ "urkf g"=gxgp"cp"qxgty gki j v" f qevqt "o ki j v"j cxg"uqo g"i qqf "cf xleg"cdqww gzgtekug"cpf "f kgv0

Kr cwug"q"vcng"lp"vj g"o qo gpv0Qp"vj gug"eqo r wgtu. "tki j v"lp"ltqp v"qh"o g. "ku j wo cpk{ø"ceewo wrvgf "npqy ngf i g"qh"j cr r lpguu0Chgt"xk wcm{ "ki pqt lpi "vj g"uwlgev hqt" f gecf gu. "uqekn"uekgpvku"ctg"pqy "o cnlpi "wr" hqt"quv"ko g. "ej wtp lpi "qww"tugcte j r cr gtu"cv"o"r tqf ki kqu"tcvg0J cr r { . " { qw"o ki j v"uc{ . "ku"vj g"pgy "ucf 0

Vj g"tugcte j "hpf lpi u"ctg"cngtpcvkgf "qdxkqu"cpf "eqwpgt/lpwwkxg. "gzr gev f cpf "uwr t lpi 0K"o cp{ "ecugu. "vj g"hpf lpi u"xcrkf cvg"vj g"i tgc v"vj kngtu"qh"egpwt lgu r cuô cu"kh"vj g"cpelgpv"l tggmu"pggf "xcrkf cvkp0J gtg"ctg"o"hg y "qh"vj g"hpf lpi u. "lp"pq r ctvewrt"qtf gt0

Gzvtqxgtu"ctg"j cr r lgt "vj cp"lpvtqxgtu="qr ko ku"ctg"j cr r lgt "vj cp"r guko ku"= o cttkgf "r gqr ng"ctg"j cr r lgt "vj cp"ulpi ngu. "vj qwi j "r gqr ng"y kj "ej kftgp"ctg"pq"j cr r lgt vj cp"ej kftngu"eqwr ngu="Tgr wdrkecpu"ctg"j cr r lgt "vj cp"F go qetcu="r gqr ng"y j q"cwgp f tgrki kqu"ugt xlegu"ctg"j cr r lgt "vj cp"vj qug"y j q" f q"pqv"r gqr ng"y kj "eqmgi g" f gi tggu"ctg j cr r lgt "vj cp"vj qug"y kj qww. "vj qwi j "r gqr ng"y kj "cf xcpegf "f gi tggu"ctg"ngu"j cr r { "vj cp vj qug"y kj "lwv"o"DC="r gqr ng"y kj "cp"cevkg"ugz"rkng"ctg"j cr r lgt "vj cp"vj qug"y kj qw= y qo gp"cpf "o gp"ctg"gs wcm{ "j cr r { . "vj qwi j "y qo gp"j cxg"o"y kf gt"go qvqpcn"tcpi g= j cxlpi "cp"chck"y kn"o cng{ "qwj} cr r { "dw"y kn"pqv"eqo r gpucvg" hqt"vj g"o cuukg"quu"qh j cr r lpguu"vj cv" { qw"y kn"lpewt"y j gp" { qw"ur quug"hpf u"qww"cpf "ngcxgu" { qw="r gqr ng"ctg ngcu"j cr r { "y j gp"vj g{ø"geqo o w lpi "q"y qtm="dw{ "r gqr ng"ctg"j cr r lgt "vj cp"vj qug y kj "vq"rkng"q" f q="y genj { "r gqr ng"ctg"j cr r lgt "vj cp"r qqt"qpgu. "dw"qpn{ "urki j v{ 0

Uq"y j cv"vj qwf "y g" f q"y kj "vj gug"hpf lpi u"AI gv"o cttkgf "dw" f qpø"j cxg"nkf u"AIUctv i q lpi "q"ej wtej "tgi wrctn{ A" F tqr "qww"qh"vj cv"Rj F "r tqi tco A" P qv"uq "hcu0Uqekn

uelgpvkuu] cxcg'c]j ctf 'ko g'wptcxgnpi 'y j cv'vj g{ 'ecm'ōt gxtug'ecwucrkv{ō'cpf 'y j cv'vj g  
tguv'qh'wu'ecm'vj g'ej lengp/cpf/gi i 'r tqdngo 0Hqt 'kpucepeg.'j gcnj { 'r gqr ng'ctg'] cr r kgt  
vj cp'wpj gcnj { 'qpgu=qt 'ku'kv'vj cv'] cr r { 'r gqr ng'vgpf 'vq'dg'] gcnj kgtA'O cttkgf 'r gqr ng  
ctg'] cr r { =qt 'o c{dg'] cr r { 'r gqr ng'ctg'o qtg'rkngn{ 'vq'i gv'o cttkgf A'Ku'vqwi j 'vq'uc{0  
Tgxgtug'ecwucrkv{ 'ku'vj g'] qdi qdrip'vj cv'o cngu'o kēj kgh'kp'o cp{ 'c'tgugctej 'r tqlgex0

Y j cv'K'tgcm{ 'y cpv'vq'npqy . 'vj qwi j . 'ku'pqv'y j q 'ku'] cr r { 'dw'y j gtg'vj g{ 'ctg  
j cr r {ō cpf 'y j {0Xggpj qxgp'uki j u'y j gp'K'cuni'cdqw'vj ku'cpf 'r qwtu'cpqy gt'ewr 'qh  
vgc0J gtg. 'vj g'ecrewv'vqpu'i gv'tlenkt0'Ecp'y g'tgcm{ 'uc{ 'y j lej 'eqwptkgu.'y j lej  
r gqr ngu. 'ctg'] cr r kgt 'vj cp'qy gtuA'J cu'o { 'ugctej 'hqt 'vj g'y qtrf'au'j cr r kguv'r nregu  
gpf gf 'dghqtg'k'v'dgi kpuA

Cm'ewmwgu'j cxcg'c'y qtf 'hqt'] cr r kpguu.'cpf 'uqo g'] cxcg'o cp{ 'y qtf u0Dw'f qgu'vj g  
Gpi rkuj 'y qtf 'ōj cr r kpguuō'o gcp 'vj g'uco g'cu'vj g'Ht gpej "dqpj gwt'qt 'vj g'Ur cpkuj  
lgrkelf cf'qt 'vj g'Ctcdle'ucj ccf cA'Kp'qy gt 'y qtf u.'f qgu'] cr r kpguu'tcpurvgA'Vj gtgū  
uqo g'gxkf gpeg'vj cv'vj g'cpuy gt 'ku'{ gu0Vj g'Uy ku'tgr qtv'gs wcn'ngxgm'qh'] cr r kpguu.  
y j gy gt'vj g{ 'vcng'vj g'wtxg{u'kp'Ht gpej . 'I gto cp.'qt'Kcrkcp.'vj g'eqwpt{au'vj tgg'o clp  
ncpi wci gu0

Cm'ewmwgu'xcng'j cr r kpguu.'dw'pqv'vq'vj g'uco g'f gi tgg0'Gcu'Cu'kcp'eqwptkgu  
vgpf 'vq'go r j cuk g'] cto qp{ 'cpf 'hwtkripi 'uqekv'cn'qdri cv'kpu'tcy gt 'vj cp'lpf kxkf wcn  
eqpv'gpw gpv'r gtj cr u'pqv'eqkpekf gpvcm{ . 'vj gug'eqwptkgu'cnuq'tgr qtv'ny gt 'ngxgm'qh  
j cr r kpguu.'y j cv'wdggp'ecngf 'vj g'Gcu'Cu'kcp'J cr r kpguu'I cr . 'y j lej 'uqwpf u'vq'o g  
rkng'uqo g'uqtv'qh'Ej kpgug'I tcpf 'Ecp{qp0Vj gp'vj gtg'ku'vj g'ōuqekn'f guktcdkx{ 'dkcu0  
Vj g'eqpegtp'] gtg'ku'vj cv'r gqr ng'cpuy gt 'vj g'] cr r kpguu'wtxg{u'pqv'htqo 'vj gkt'] gctv'dw  
kp'y c{u'vj cv'vj gkt'uqekv{ 'y qwr' 'cr r tqxg'qh0Vj g'Lcr cpgug.'hqt 'kpucepeg.'ctg'hco qwur{  
ugrh'ghceki . 'chtckf 'vq'dg'vj g'r tqxgtdkn'pck'vj cv'ukemu'qmw=vj g{ 'ctg'cnuq.'tgncv'xg'vq  
vj gkt'y gcnj . 'pqv'xgt{ 'j cr r {0Krkxgf 'kp'Lcr cp'hqt'gctucpf 'pgxgt'i qv'wugf 'vq'vj g'uki j v  
qh'Lcr cpgug'y qo gp'eqxgtkpi 'vj gkt'o qwj u'y j gp'vj g{ 'ncwi j gf 'qt 'uo krgf . 'cu'kh  
cuj co gf 'qh'vj gkt'i ngg0

Y g'Co gtlecpu.'qp'vj g'qy gt 'j cpf . 'y gct 'qwt'j cr r kpguu'qp'qwt 'ungxgu'cpf . 'kh  
cp{vj kpi . 'ctg'i wkm{ 'qh'kphrcv'kpi 'qwt'eqpv'gpw gpv'kp'qtf gt 'vq'ko r tguu0J gtg'ku'y j cv'c  
Rqrkuj 'ekkl gp'rkxkpi 'kp'vj g'Wpkgf 'Ucvgu'vqrf 'vj g'y tkgt 'Ncwtc 'Mnqu'Uqmqn'cdqw  
Co gtlecpu'ōY j gp'Co gtlecpu'uc{ 'kv'y cu'i tgecv.'Knpqy 'kv'y cu'i qqf 0Y j gp'vj g{ 'uc{ 'kv  
y cu'i qqf . 'Knpqy 'kv'y cu'qnc{0Y j gp'vj g{ 'uc{ 'kv'y cu'qnc{ . 'Knpqy 'kv'y cu'dcf 0

Vj ku'ku'i kpi 'vq'dg'vqwi j 0Vj g'cvrcu'qh'driku. 'kh'qpg'gzkuu.'y qpōv'dg'gcu{ 'vq'tgcf 0  
Ku'rkng'vj cv'etwo r ngf 'o cr 'ukv'kpi 'kp'{qwt'i mxg'eqo r ctwo gpv0Dw'Ky cu'f gvto kpgf  
vq'r ny 'cj gcf . 'eqpxkpegf 'vj cv'y j kng'y g'o c{ 'pqv'dg'cdng'vq'f khtgtp'v'v'kpg'uj cf gu  
qh'] cr r kpguu'co qpi 'eqwptkgu.'wtxgn{ 'y g'ecp'uc{ 'vj cv'uqo g'eqwptkgu'ctg'] cr r kgt'vj cp  
qy gtu0

Xggpj qxgp'i kxgu'o g'eqo r ngv'ceeguu'vq'] ku'f cvdcug'cpf 'y kuj gu'o g'hwem'dw'htuv'] g  
y ctpu'o g'ō qw'o c{ 'pqv'rkng'y j cv'{qwhkpf 0

ōY j cv'f q'q'q'w'o gcpAō

Vj g'] cr r kguv'r nregu.'j g'gzi rckpu.'f qpōv'pgeguuctk{ 'hk'qwt'r tgeqpegkxgf 'pqv'kpu0  
Uqo g'qh'vj g'] cr r kguv'eqwptkgu'kp'vj g'y qtrf 0 Kgrcpf 'cpf 'F gpo ctm'hqt 'kpucepegō  
ctg'j qo qi gpgquu. 'uj cwgtkpi 'vj g'Co gtlecp 'dgrkgh'vj cv'vj gtg'ku'utgpi vj . 'cpf  
j cr r kpguu.'kp'f kxgtuk{0Qpg'hkpf kpi . 'y j lej 'Xggpj qxgp'lwu'vpeqxtgf . 'j cu'o cf g'] ko  
xgt{ 'wpr qr wct'y kj 'j ku'hgmny 'uqekmqi kuu0J g'hqwpf 'vj cv'kpeqo g'f kwtkdwkqp'f qgu

pqv'r tgf lev'j cr r kpguu0Eqwptkgu'y kj 'y kf g"i cr u'dgvy ggp "vj g"tlej "cpf "r qqt "ctg"pq  
ngu"j cr r { "vj cp"eqwptkgu'y j gtg"vj g"y gcnj "ku"fkntkdwgf "o qtg"gs wcnf 0Uqo gko gu.  
vj g{ "ctg"j cr r kgt0

õO { "eqngci wgu"ctg"pqv'co wugf .õ"uc { u"Xggpj qxgp0'õkpgs wcnf { "ku"dki "dwukpguu  
j gtg"kp"vj g"uqekmqi { "f gr ctvo gpv0Gpvtg"ectggtu"j cxg"dggp"dwkn"qp"ko

Kceegr v'j ku"cf xleg"r rkngn { "dw"vj kpmj g"o wuv'dg"gzci i gtcvpi "cdqww"vj g"f cpi gtu  
vj cv'rk"cj gcf 0Kco "y tqpi 0Nqqnkp "hqt"vj g'y qtrf au"j cr r kguv'r negu"ecp"o cng"cp { qpg  
o kugtcdrõ qt "cv"vj g"ngcuvi kxg"vj go "c"ur rnkpi "j gcf cej g0Y kj "gej "enlem"qh"vj g  
o qwug. "Kgeqwpvgt "o { ugtkgu"cpf "cr r ctgvp"eqwptcf levkpu0Nkn"vj ku"O cp { "qh"vj g  
y qtrf au"j cr r kguv"eqwptkgu"cnq"j cxg"j ki j "uwkfg"tcvgu0Qt "vj ku"qpg<"Rqrg"y j q  
cwgpf "tgni kqu"ugt xlegu"tgr qtv'dgkpi "j cr r kgt"vj cp"vj qug"y j q"fq"pqv"dw"vj g"y qtrf au  
j cr r kguv"pcvqpu"ctg"ugewrt0Cpf . "qj . "vj g"Wpkgf "Ucvgu. "vj g"tlej guv. "o quv'r qy gthwn  
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vj cp"y g"ctg0

O { "fc { u"kp"tqwgfc o "hcm"kpq "c"r rncucpv"tqwkpg0Kj cxg"dtgcnhcuv"cv"vj g"j qvgn  
r gtj cr u"kpfi wi g"lp"c"dkv'qh"lpvgt"eqwtug. "vj gp"tkf g"vj g"uwdy c { "vq"vj g"Y qtrf "F cwcug  
qh"j cr r kpguu0Vj gtg. "Kukh"vj tqwi j "vj g"tgugctej "r cr gtu"cpf "vj g"fcw. "mqnkp "hqt"o {  
gnukxg"cvru"qh"druu0Kp"vj g"gxgkpi u. "Ki q"vq"o { "ech? "Kpgxgt "f q"rgctp"ku"pco g+  
y j gtg"Kf tkpmly cto "dgg. "uo qng"rkwg"eki ctu. "cpf "r qpfgt "vj g"pcwtg"qh"j cr r kpguu0Ku  
c"tqwkpg"vj cv"lpqxkngu"o wej "eqvgo r rnkqp. "o qf gtcvg"co qwpv"qh"lpvzkecpv. "cpf  
xgt { "rkwg"cewcn"y qtn0K'ku. "kp"qvj gt "y qtf u. "c"xgt { "Gwtqr gcp"tqwkpg0Ko "i qkpi  
pcvkg0

Hqt"uqo g"tgcup. "Kf gekf g"vq"uvtv'cv"vj g"dqwqo "qh"vj g"j cr r kpguu"rcf fgt"cpf "y qtm  
o { "y c { "wr 0Y j lej "eqwptkgu"ctg"vj g"ngcuvi cr r { A"P qv'wvtr tkupi n. "o cp { "Chkecp  
pcvqpu"hcm"kpq"vj ku"ecvgi qt { 0Vcp { cpk. "Ty cpf c. "cpf "\ ko dcdy g"ctg"pgct "vj g"xgt {  
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cej kxg"o kf f r kpi "ngxgu"qh"j cr r kpguu. "dw"vj cvu"cdqww'ko0Vj g"tgcuppu"uggo "qdxkqu0  
Gzvtgo g"r qxgtv { "ku"pqv'eqpf vekxg"vq"j cr r kpguu0Vj g"o { vj "qh"vj g"j cr r { . "pqdrng"ucxci g  
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Ewtkquw. "Khkf "cpqvj gt "dcej "qh"pcvqpu"uwem'cv"vj g"dqwqo "qh"vj g"j cr r kpguu  
ur gctwo <"vj g"htqo gt "Uqxkgv'tgr wdrkuõ Dgrtwa. "O qrf qxc. "Wntckpg. "Wj dgnkucp. "cpf  
c"fq { gp"qvj gtu0

Ctg"fgo qetcelgu"j cr r kgt "vj cp"flcvqtuj kr uA"P qv"pgeguuctkf 0'O cp { "qh"vj qug  
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o quv'qh"j ku"ectggt "uwf { kpi "vj g"tgrvqpuj kr "dgvy ggp"fgo qetce { "cpf "j cr r kpguu0J g  
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j cr r kpguu. "dw"j cr r { "r negu"ctg"o qtg"rkngn { "vq"dg"fgo qetckeõ y j lej . "qh"eqwtug.  
fqgu"pqv'dqf g"y gmlht "Kcs0

Y j cv'cdqww"vj g"y cto "cpf "uwpp { "r negu. "vj qug"tqr kecn'r ctf kugu"vj cv"y g"cuuqekcy  
y kj "j cr r kpguu"cpf "r c { "i qqf "o qpgf "vq"xcecvkp "kpA"K'wtpu"qw"vj cv"y g { "ctg"pqv'uq  
j cr r { 0Hkk "Vcj kk"vj g"Dej co cuõ vj g { "cm'hcm"kpq"vj g"o kf f ng"rcvkwf gu"qh"j cr r kpguu0  
J cr r { "eqwptkgu"vgpf "vq"dg"vj qug"kp"vgo r gtcvg"enlo cvgu. "cpf "uqo g"qh"vj g"j cr r kguv  
Kgrcpf . "hqt"lpucpegõ ctg"fy ptki j v'eqrf 0

Dgrlgxg"kv"qt"pqv"o quv'r gqr ng"lp"vj g'y qtrf "uc{ "vj g{ "ctg"j cr r { 0Xktwcm{ "gxgt{ eqwpt{ "lp"vj g'y qtrf "ueqtgu"uqo gy j gtg"dgwy ggp"hxg"cpf "gk j v'qp" c "vgr/r qkp v'uecr g0 Vj gtg"ctg" c"hy "gzegr vkpu<"Vj g"uwngp"O qrf qxcpu"eqpukvgrpn{ "ueqtg"cdqw/607."cpf hqt" c"dtlgh'r gtlkf "lp"3; 84"vj g'ekkl ggu'qh'vj g'F qo kplecp" Tgr wdrle"eqwf "o wuvgt"qpn{ "c 308."vj g"hy guv'rgxgn'qh'j cr r kpguu"gxgt"tgeqtf gf "qp"vj g'r rcpgr0Dww."cu"Kuckf."vj gug"ctg tctg"gzegr vkpu00 quv'qh'vj g'y qtrf "ku"j cr r { 0

Y j { "f qgu"vj ku"eqo g"cu"wej "c"uwtr tkugA"Vy q "v{r gu"qh'r gqr ng."K"vj kpm"ctg"vq dmo g<"lqwtprkuu"cpf "r j kquqr j gtu0Vj g"o gf lc."qh'y j lej "Kco "c"ewr cdr g"o go dgt. tgr qtv."cu" c"twg."qpn{ "dcf "pgy u<"y ctu."hco kpg."vj g"rcvuv"J qm{ y qqf "eqwrgau ko r mukulq0Kf qpøw'o gcp"vq"dgkvr g"vj g"tqwdrgu"lp"vj g'y qtrf."cpf "I qf "npqy u"Kj cxg o cf g" c"i qqf "rkxkpi "tgr qtkpi "vj go ."dw'y g"lqwtprkuu" f q'r clpv" c" f kvqtvgf "r lewtg0

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Ukm"o quv'r gqr ng"ctg"j cr r { A'K'f qgupøw'uk'tki j v'y kj "o g0Kō "c"r gtuqp."cpf "Kō pqv'r ctvewrtn{ "j cr r { 0Y j lej "i qv"o g"vj kpnkpi <"Y j gtg" f kf "K'hcm"lp"Xggpj qxgpau eqpugmckqp"qh"j cr r kpguu" f cvcA'K'Kco "j qpguv."cpf "Kō ki j v'cu"y gm'dg"kh"Kō "cnkpi vj g"tqwdrg"vq"y tkv"vj ku."Kf "uc{ "Ky cu" c"ukz0Vj cv'o cnqu"o g"eqpukf gtcdr{ "rgu"j cr r { vj cp"o { "hgmjy "Co gtkecpu."dw"ceeqtf kpi "vq"vj g"Y F J "Kf "hgn'tki j v'cv"j qo g"lp Etqcvk0

Kō "kperkpgf "vq"ci tgg"y kj "rkpi wkuv"cpf "hgmjy "ewto wf i gqp"Cppc"Y kgt| dlenr. y j q."y j gp"hecgf "y kj "vj ku"xgt{ "uco g"erko "vj cv'o quv'r gqr ng"ctg"tgcuapecdr{ "j cr r { tgr rkgf "y kj "qpg"uko r ng"s wguvkqp<öY j q"ctg"vj qug"tgr qtvgr n{ "j cr r { "r gqr ngAö

Y j q"lpf ggf 0'O { "j gcf "j wtu0J cxg"Kgo dctngf "qp" c"hwkrg"o kuukqp"vq"hpv"vj g y qtrf øw"j cr r kguv'r rneguA"Vj gp"Kpqvleg"vj cv'qpg"eqwpt{ "ueqtgu"eqpukvgrpn{ "j ki j "qp vj g"j cr r kpguu"uecr gō pqv'pwo dgt"qpg"dw" f ctpgf "emug0'K"cuq"j cr r gpu"vq"dg"vj g eqwpt{ "Kco "xkukpi "cv'vj ku"xgt{ "o qo gpv0

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Vqrgtcpeg#Vj ku"ku"vj g"qtki kpcn"õf qpøw'tgcf "qp"o gö"pcvqp0C "pcvqp"y j gtg. "kv uggo u."vj g"cf wnu"ctg"qw'qh"vqy p"cpf "vj g"vggpci gtu"ctg"kp"ej cti g0P qv'lwuv'hqt "vj g y ggngpf."gkj gt0Cm'qh'vj g'vko g0

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Y j cv'gzcew "f agu"F wej "vqrgtcpeg"mqm'hkng."kp"cp"gxgt{f c{ "y c{ A'Vj tgg"vj kpi u eqo g"vq"o kpf <f twi u."r tqukwkwqp."cpf "e{enkpi 0'kp"vj g"P gyj gtrpf u."cm'vj tgg"cevkxkkgu ctg"ngi cr0Cm'vj tgg"ecp"gcukn "hcf "vq"j cr r kpguu."r tqxkf gf "vj cv'egtckp"r tgecwkwqp"ctg vcnep0Y gctkpi "c"j gm gv'y j kng"e{enkpi."hqt"kpucpeg0

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Uq "f twi u"kv'ku0Uqhv'f twi u."o ctckwpc"cpf "j cuj kuj."ctg"ngi cn'kp"vj g"P gyj gtrpf u0 Vj g{ "ctg"ugtvgf "kp"eqhgg"uj qr u."y j lej "ctgpøw'tgcm "eqhgg"uj qr u'cv'cm'dw'f twi "f gpu0 ðEqhgg"uj qr ð'uqwpf u'o qtg'tgur gevcdng"vj cp"õf twi "f gp.ð"vj qwi j 0

Dw'y j lej "qpg"uj qwr "Kv{A'Vj gtg"ctg"uq"o cp{ "vq"ej qqug"htqo 0'kp"tqwgtf co . gxgt{ "vj ktf "qt"hwvj "uqgtgtqpv."kv'uggo u."ku"ce"ðeqhgg"uj qr 0'Kø "vgo r vgf "d{ "qpg ecmgf "Un{ "J ki j ."dw'vj g"pco g"uggo u"vq"000qdxkqwu0Qvj gtu'mqm'vq"j kr 0'Kj cxgpøv i qwgp"j ki j "ukpeg"o {"lwpkqt{"gct"kp"eqngi g0Kf qpøw'y cpv'vq"o cng"ce"hqqr'qh'o {"ugr0

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Dcf "3; 92u"o wule "ku"r nc{ kpi."cpf "ce"rkvwg"vq"mqw'rf 0'Qp"qpg"y cm "Kpqv'eg"ce r ckpvkpi "vj cv'mqmu'rkng"kv'y cu'f qpg"d{ "ce"vngpv'gf "ukz y /i tcf gt0'kp"vj g"htgi tqwpf "ku"ce ect"vj cv'j cu'lwuv'r mgy gf "kp"vq"ce"tgg."y kj "unkf "o ctmu'tckkpi "qh'vqy ctf "vj g"j qtk qp0 Wpf gtpgc'vj "ku"y tkwgp<ðUqo g'tqcf u'qpn "gzkv'kp"ftwi i gf "o kpf u0'Kø "pqv'uw'g"kv'vj ku ku'o gcpv'cu'ce"y ctpkpi "cdqww'vj gug'tqcf u'qt"cu'cp"gp'qtugo gpv'qh'vj go 0

Gxgt{qpg"j gtg"uggo u"vq"dg"ce"tgi wxt."gzegr v."qh"eqwtug."hqt"o g0'Kø "kpucpvw{ vtcpur qtvgf "dcem'vq"o {"eqmgi g'f qto "tqqo "kp"P gy "Lgtug{0Vt{kpi "vq"dg"eqqn"v{kpi "vq hv'kp."dw'v'ckkpi "o kugtcdr0

Cp"qrxg/unlppgf "o cp"eqo gu"qxgt"vq"o g"cpf."kp"dtqngp"Gpi rkuj."gzs rckpu"vj g o gpw0Vqf c{ "vj g{ "ctg"hgcvwtkpi "Vj ck'o ctckwpc."j g'uc{u."cu"kv'f guetckkpi "vj g"uqwr "f w lqwt."cu"y gm'cu'vy q'v{r gu'qh'j cuj kuj <0 qtqecp"cpf "Chi j cp0

Kø "cv'ce"mqm0Uq"Kf q"y j cv'Kcny c{u'f q"y j gp"vj g"o gpw'r tqxgu"qxgty j gm kpi 0'K cum'vj g'y ckgt "hqt"j ku'tgeqo o gp'cvkqp0

ðF q{"qwr tghgt"wtqpi "qt"o kv'v'j g"cum0

ðO krf 0

ðVj gp'Ky qwf 'f ghpkgn 'i q'y kj 'y g'O qtqecp0

Kj cpf 'j ko 'c'hxg/gwtq'pqvg'\*cdqw'ukz 'f qmtu+ 'cpf 'j g'j cpf u'o g'c'dci i kg'y kj 'c ej cmf 'dtqy p'urcd'y g'uk g'qh'c'r quci g'urco r 0

Kj cxg'cduqnwgn 'pq'kf gc'y j cv'vq'f q'y kj 'k0

Hqt 'c'o qo gpv 'K0 'vgo r vgf 'vq'ecm'o { 'qrf 'eqmgi g'tqqo o cvg. 'Twuv 'Hkuj nkp0 Twuv 'y qwf 'npqy 'y j cv'vq'f q0J g'y cu'ciy c { u'y g'eqqn'qpg0Twuv 'j cpf ngf 'c'dqpi y g'y c { 'l q/ l q'O c'j cpf ngu'c'egmq0K0 'uwtg'Twuv 'ku'c'eqtr qtcvg'rey { gt'pqy . 'hklpi kp 'y g'uwdu'v'y kj 'hqt 'nkf u. 'dw'ukm 'Kdgv'j g'y qwf 'npqy 'y j cv'vq'f q'y kj 'y ku ej wpi'qh'O qtqecp'j cuj 0

Cu'kh'qp 'ewg. 'Nkp c 'Tqpuv'v'r k'gu'wr 0/ qwæt g'pq 'i qqf. 'f qwæt g'pq 'i qqf. 'dcd/. { qwæt g'pq 'i qqf 0

Kdtlghn 'eqpukf gt 'uy cmqy kpi 'y g'j cuj 'cpf 'y cuj kpi 'k'f qy p'y kj 'c'Rgr uk'dw y kpm'dgwt 'qh'y cv'kf gc'cpf 'lwuv'hxo drg'y kj 'y g'j cuj 'kpuv'gf. 'x { kpi 'vq'mqm'cu j gr ngu'cu'r quikdr. 'y j lej 'wvf gt 'y g'ekewo ucpegu'eqo gu'pcwtcmf 0'Hkpcmf. 'c dgctf gf 'o cp'y gctkpi 'c'ngvj gt 'lcengv'cngu'r k { 'qp'o g0Y kj qw'uc { kpi 'c'y qtf. 'j g vngu'y g'j cuj 'kp'j ku'j cpf u'cpf 'etwo drgu'k'rkn'g'hgc 'ej ggug0Vj gp'j g'wptqmu'c eki ctgwg. 'c'tgi wnt'eki ctgwg. 'cpf 'kpu'v'y g'j cuj 0Chgt 'c'hwgpv'uj cng. 'hem'cpf 'vcr. j g'j cpf u'y g'pqy 'j cuj /kphwgf 'eki ctgwg'dcem'vq'o g0

Kj cpn'j ko 'cpf 'iki j v'w 0

C'hgy 'qdugtxcv'kpu0'Hktuv'qh'cm 'K'f q'tgeqo o gpf 'y g'O qtqecp0K'ku'lpf ggf 'c uo qqy 'uo qng0Ugeqpf. 'cv'nguv'j ch'y g'hwp'qh'gpi ci kpi 'kp'knek'cev'kx'ku'y g'knekv r ctv'cpf 'pqv'y g'cev'kx' 'r ctv0K'qy gt 'y qtf u. 'uo qnkpi 'j cuj 'ngi cmf 'kp'Tqwgtf co 'ku pqv'pgetn 'cu'o wej 'hwp'cu'f qkpi 'k'knek'k'kp' { qwt 'eqmgi g'f qto 'tqqo 'y kj 'Twuv 'Hkuj nkp. 'npqy kpi 'y cv'cv'cp { 'o qo gpv' { qw'o ki j v'i gv'ecwi j v0

Ukm 'Kco 'hggkpi 'i qqf 0P q'r clp0Cpf. 'cu'y g'O qtqecp'ugwgu'kp'vq'o { 'egtgdten eqtvgz. 'Ky qpf gt <Y j cv'kh'Kuc { gf 'rkng'y ku'cm'qh'y g'ko gAY qwf p0Kdg'j cr r { 'cm'qh y g'ko gA'K'eqwf 'gpf 'o { 'ugcte'j 'hqt'y g'y qtf'au'j cr r kuv'r rnegu'tki j v'j gtg. 'cv'y g Crr j c 'Drp'f kg 'Eqhgg'Uj qr 'kp'Tqwgtf co 0O c { dg'y ku'ku'y g'j cr r kuv'r rneg'kp'y g y qtf 0

Vj g'r j kquqr j gt 'Tqdg'v'P q' lem'j cf 'uqo gvj kpi 'vq'uc { 'qp'y g'uwldge0P qv'cdqw y g'Crr j c 'Drp'f kg. 'y j lej 'K'f qwd'v'j gau'htgs wgpvgf. 'pqt 'cdqw'O qtqecp'j cuj. 'y j lej j g'o c { 'qt'o c { 'pqv'j cxg'uo qngf 0'Dw'P q' lem'f kf 'y kpm'mpi 'cpf 'j ctf 'cdqw'y g tgr'v'kpuj k' 'dgy ggp'j gf qpluo 'cpf 'j cr r kpgu0J g'qpeg'f gxkuf 'c'y qwi j v'g'zr g'k0 gpv ecmgf 'y g'Gzr g'kpeg'O cej kpg0

Ko ci kpg 'y cv'ouvr gtf wr gt 'pgwtqr u'ej qm' kuw0 'j cxg 'hi wtf 'qww'c 'y c { 'vq uk0 w'v'g'c'r gtuqpu'dtclp'kp'qtf gt 'vq'lpf w'g'r ngcuw'cdng'g'zr g'kpegu0K'ku'r gthg'v' uchg. 'pq'ej cpeg'qh'c'o ch'w'v'kqp. 'cpf 'pqv'j cto hwn'v' { qwt 'j gcnj 0/ qw'y qwf g'zr g'kpeg'eqpuv'p'r ngcuw'g'hqt'y g'tguv'qh' { qwt 'rhg0Y qwf ' { qw'f q'kAY qwf ' { qw r nwi 'kp'v'y g'Gzr g'kpeg'O cej kpgA

K'p'qv'cti wgf 'P q' lem'y gp' { qw'xg'Iwuv'r tqxgf 'y cv'y g'g'ku'o qtg'vq'rhg'y cp r ngcuw'g0Y g'y cpv'vq'cej kxg'qwt'j cr r kpgu'cpf 'pqv'Iwuv'g'zr g'kpeg'k0Rgtj cr u'y g gxgp 'y cpv'vq'g'zr g'kpeg'wpj cr r kpgu. 'qt 'cv'nguv'ngcxg'qr gp 'y g'r quikdkk' 'qh wpj cr r kpgu. 'kp'qtf gt 'vq'twn' { cr r tgekv'j cr r kpgu0

Tgi tgwcd'f. 'K'kpf 'o { ugh'kp'ci tggo gpv'y kj 'P q' ken0K'y qwf 'pqv'r nwi 'o { ugh kp'v'y g'Gzr g'kpeg'O cej kpg. 'cpf 'y g'ghgt'g'K'y km'pqv'dg'tgmecv'kpi 'vq'y g'Crr j c Drp'f kg 'Eqhgg'Uj qr 0Y j lej 'ku'c'uj co g0F kf 'Ko gpv'kp'j qy 'uo qqy 'y g'O qtqecp j cuj 'kuA



Vj g"pgzv"o qtpkpi . "o { "o kpf "O qtqecp/htgg. "K'o cng"o { "fckn{ "vkr "vq"vj g"Y F J O'K o gpvkp"o { "rkwg"gzr gto gpv'vq'Xggpj qxgp0J g"cr r tqxgu. "qh"eqwtug0Kp"heev. "y j gp"K j cf "ktuv'r qkpvgf "qw'vj cv'o cp{ "qh"vj g"cevkxkgu"vj cv'vj g"F wej "gpi ci g"kp"tgi wrctn{ . uvej "cu"rtqukwkqp"cpf "ftwi u. "y qwf "i gv'o g"cttgugf "kp"vj g"Wpkgf "Ucvgu. "j g"lwuv uo kpf "un{ n{ "cpf "uckf . "oKmpqy OGplq{ 0

Xggpj qxgp "uc{ u"vj g"fcwcdug"o ki j v"r tqxkf g"uqo g"cpuy gtu"vq"vj g"ci g/qrf swgukqp<"K'r rncuwg"vj g"uco g"cu"j cr r kpguuA'Chgt "c"hey "f ki kcn"fgqwtu. "K'hpf "c r cr gt "vj cv'Xggpj qxgp"j ko ugh"y tqv0K'u"ecmgf "oJ gf qpkuo "cpf "J cr r kpguu0"K'tgcf vj g"cdutcev0

oVj g"tgrvkqp "dgvy ggp "j cr r kpguu"cpf "eqpuwo r vkqp "qh"unko wrpau"hmny u"cp kpxgtvgf "Wewtxg0Ur qkn'ur qtu"cpf "i w| rgtu"ctg"ngu"j cr r { "vj cp"o qf gu'eqpuwo gtu0 Kp"qvj gt"y qtf u. "cu"vj g"cpelgpvI tggmu'eqwpugngf "c"hey "vj qwucpf "{ gctu"ci q. "gxgt { vj kpi kp"o qf gtcvkqp0K'tgcf "qp"cpf "ngctp"vj cv'oungxgten"uwf kgu"j cxg"qdugt xgf "c"r qukxg eqttgrvkqp "dgvy ggp "r gto kuukxg"cvkwf gu"vqy ctf u"ugz "cpf "r gtuqpen"j cr r kpguu0 Rtguwo cdn{ . "vj gug"r gto kuukxg"j cr r { "r gqr ng"ctg"pqv'vj g"uco g"j cr r { "r gqr ng"y j q"ctg cvgpf kpi "ej wtej "tgi wrctn{ 0Cu"htq"ftwi u. "c"3; ; 7"uwf { "hqwpf "vj cv0 pq"uwrtkug0 wug qh"j ctf "ftwi u"vopf u"vq"f getgcug"j cr r kpguu"qxgt "ko g0Dw'y j cv'cdqw'uqh'ftwi u. "rkng. uc{ . "O qtqecp"j cuj A'K'wtpu'qw'vj cv'vj gtg"j cu'dggp"rkwg'tgugctej "kp"vj ku'ctgc0

J qy "cdqw'vj cv. "K'vj kpm"uy kxgnpi "cy c{ "htqo "vj g"eqo r wgt"o qpkqt0Ncuv'pki j v. cv'vj g"Crr j c"Dmpf kg"Eqlhgg"Uj qr. "qp"vj g"xgt { "ktuv'rgi "qh'o { "lqwtpgf . "Ky cu'gpi ci gf kp"ewwkp/ gfi g"j cr r kpguu'tgugctej 0Y j q"npgy A

Ku"o { "ruv'fc{ "kp"tqwgtf co 0C"htq gwcdng"ek{ "dw"qpg"vj cv'Ky kn'o ku'pqpgy gngu0 Ku"ko g"vq"uc{ "i qqf d{ g"vq'Xggpj qxgp. "cpf "Kco "pgxgt"i qqf "cv'i qqf d{ gu0K'y cpmj ko htq"cm'qh"j ku"j gr . "htq"cm'qh"j ku'drukuwlf cwc0Vj gp. "cm quv'cu'cp"chgtvj qwi j v. "Kr cwug cv'vj g"f qqt"cpf "uc{ . "oK'o wuv'dg'y qpf gthwly qtnkpi "kp"vj g"hgfr "qh"j cr r kpguu'uwf kgu0

Xggpj qxgp"mqmu'r gtr ngzgf 0oY j cv'f q" { qw'o gcpA0

oY gm" { qw'o wuv'j cxg"cp"cdkf kpi "hckj "kp"o cpmkpf au'ecr cek{ "htq"j cr r kpguu0

oP q. "pqvtgcm{ 0

oDw" { qw0xg'dggp"uwf { kpi "j cr r kpguu. "cpcn{ | kpi "k" { qwt"gpvtg"rkng0

q gu. "dw'k'f qgup0'w'o cwgt "vq"o g"kh'r gqr ng"ctg"j cr r { "qt"pqv. "cu"npi "cu"uqo g r gqr ng"ctg"j cr r kgt "vj cp"qvj gtu0Kecp"ukmletwpej "vj g'pwo dgtu0

Klwuv'ucpf "vj gtg"htq"o qo gpv. "uwppgf 0J gtg"K'y qwi j v'Xggpj qxgp"y cu"o"hmny vtcxngt. "c"eqo tcf g"kp"vj g"j wpv'htq"j cr r kpguu. "dw'k'wtpu'qw'vj cv. "cu"vj g{ "uc{ "kp"vj g Uqwj . "j g"j cu"pq"fq"i "kp"vj ku"j wpv0Qt. "kh" { qw'r tghgt. "Xggpj qxgp"kup0'c"r n{ gt "kp"vj g j cr r kpguu"i co g="j g0u"vj g"tghgtgg. "nggr kpi "ueqtg0Cpf . "rkng"cp{ "i qqf "tghgtgg. "kv o cwgtu"pqv'qpg"y j k'vq"j ko "y j q"y kpu"vj g"i co g0J cr r kpguu"qt"ftgur qpf gpe{ . "ku"cm vj g'uco g0Cu"npi "cu"qpg'ukf g'r tgxcnu0

Vj cv'ku. "Kluw r qug. "vj g'y j qrg'r qkp'v'qh'vj ku'pgy . "f kur cuukqpcvg"uwf { "qh"j cr r kpguu0 Xggpj qxgp"cpf "vj g"qvj gt "druuqmqi kuw"fgur gtcvgn{ "y cpvgf "cecf go kc"vq"vcng"vj gkt f kuekr rkpg "ugtqwu{ . "nguv"vj g{ "dg"fkoo kuuf "cu"Py "Ci g"hcff kuw0Vj g{ "j cxg uweeggf gf . "dw"Ky qpf gt "cv'y j cv'equ0Kp"vj gkt "y qtnf . "j cr r kpguu"ku'tgf wegf "vq" { gv cpqvj gt "ucvkuke. "fcv"vq"dg"urlegf . "f legf . "r ctugf . "twp"vj tqwi j "vj g"eqo r wgt. "cpf . wko cvgn{ . "kpgxkcdn{ . "tgf wegf "vq"ur tgcf uj ggu0Cpf "K'ecp0'vj kpm'qh"cp{ vj kpi "nguu

j cr r { "y cp" c" ur tgc f u j gg v

K' tgc r k g "y j cv" o { "xkuk" vq "y j g" Y F J "y cu" c "hpg" uctv" dw" cp "kpeqo r r g v" qpg 0  
P qy j gtg "co qpi "y j g" gk j v" y qwucpf "uwf kgu" cpf "tgugctej "r cr gtu" f kf "K" hpf "cp {  
o gp vkp "qh" y j g" j cr r kpguu" c "pc vkp "f gtxgu" htqo "ku" ctu. "y j g" r r gcuwtg "ceetwgf "d {  
j gctkpi "c" r ctvkwctn { "mxgn { "r qgo "tgc f "cmwf "cpf "y gm "qt "d { "y cvej kpi "c" f ctpgf  
i qqf "o qxlq. "ceeqo r cplqf "d { "c" wd "qh" r qreqtp. "pq" dwwgt 0 P qt "f qgu" y j g" f c vdcug  
tgxgc n" cp { y j kpi "cdqw" y j g "kpxkukdg" y j tgc f u" y j cv" dkpf "c" hco k { 0" Uqo g "y j kpi u" ctg  
dg { qpf "o gcuwtkpi 0

Uq "K' eqpuxvew" o { "cvru" qh" drku. "o { "tqcf "o cr "qh" j cr r kpguu. "dcugf "r ctv { "qp" T www  
Xggpj qxgpau" f c vdcug "cpf "r ctv { "qp" o { "qy p" j wpej gu 0 T lej "qt "r qqt. "j qv" qt "eqrf .  
f go qetce { "qt "f levcqtuj kr . "k' o cvgtu" pq 0 Ky km' hqm y "y j g" j cr r kpguu" uegp v' y j gtgxgt  
k' hgc f u

Y kj "o { "cvru" kpi" j cpf . "Kd qctf "y j g" tclp "cv T qwgtf co "Egptcr 0 Cu" y j g" tclp "dgi kpu  
vq "tqm" cpf "y j g" F wej "eqwpt { ukf g" i rkf gu" d { . "K' hgn" cp "wpgzr gev f "ugpug" qh" tgrkgh 0  
Htggf qo "gxgp 0 Htggf qo "htqo "y j cv A K' cep v' ko ci kpg 0 O { "xkuk" y cu' hpg 0 Kf tcrn uqo g  
i qqf "dggt. "uo qngf "uqo g' hpg" j cuj . "cpf "gxgp" hgtcpgf "c" y j kpi "qt "y q" cdqw" j cr r kpguu 0

Vj gp "k' f cy pu" qp" o g 0 Htggf qo "htqo "cm' y cv 0 0 0 Htggf qo 0 Vqr tcepg "ku" i tgc v. "dw  
vqr tcepg" ecp "gcuk { "urk f g" kpvq "kpf khtgpeg. "cpf "y cvu" pq "hwp" cv' cm 0 Dgukf gu. "K' cep v'  
rkxg" y kj "uq" o wej "urcn 0 K' o "vq q" y gcn 0 Ky qwf p v' npqy "y j gp" vq "uqr 0 K' K' o qxgf "vq  
J qmcpf . " { qwf "r tqdcdr { "hpf "o g" c "hgy "o qp vj u" r vgt. "gpi whgf "kpi" c "emwf "qh  
O qtqecp" j cuj . "c" j qqngt "wptgt" gcej "cto 0

P q. "y j g" F wej "y c { "ku" pqv' hqt "o g 0 Rgtj cr u" o { "pgz v' f gukpcvkp "ku" y j g" qpg 0 K' o  
j gcf kpi "vq" c "eqwpt { "y j gtg" y j g" tclpu' twp "qp" vko g. "y j g" utggv" ctg" ergcp. "cpf "vqr tcepg.  
rkng "gxgt { y j kpi "gnug. "ku" f qrgf "qw" ectghm { . "kpi" o qf gtcvkqp 0 "K" co "j gcf kpi "vq  
Uy k { gtrpf 0