

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
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qt"d{ "cp{ "o gcpu."qt"uqrgf "kp"cf cwcug"qt"tgtkxcrn{ ugo ."y kj qw'yj g'r tkqt
y tkwgp'r gto kukqp"qh'yj g'r wdrkuj gt0

Vy grkg
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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Eqpwgpw

[Kptqf wekqp](#)

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

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

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

Ej cr vgt'7<KEGNCP 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 TGCV'DT~~W~~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 GTKEC<J cr r kpguu'Ki'J qo g

GRKNQI WG

Cempqy rfg i o gpw

Cdqw'vj g'Cwj qt

hqt'Uj ctqp

*Kp'vj gug'f c{u'qh'y ctu'cpf 'two qtu'qh'y ctu.'j cxgpø'f qw'gxgt 'ft gco gf
qh'c'rncg'y j gt g'y cu'rgceg'cpf 'ugewt kf.'y j gt g'hxkpi 'y cu'pqv
c'utwi i rg'dw'c'rcw'kpi 'f grki j vA*

ô Nqu'J qt k qp.'ftgevgf 'd{ 'Htcpm'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"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"gf "y g"r tguu"qp. "r tqr gmgf "d{ "cp"ktgukvdr g"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{ "Kko "eqpxlpegf "K'y qwf "j cxg tgcej gf "y j gtgxtg"v'y cu"Ky cu"t{ lpi "vq"tgcej "j cf "vj g"Dcnko qtg"Eqwv{ "Rqrlg"pqv eqpenmf 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 { "chrlkvqp. "kh vj cvu"y j cv"kv"ku. "y gpv"lpvq "tgo kuukqp "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. "r tghgtcdn{ "qp"uqo gpgp"gnugau"fk o g0'Dw"j qy A"Kj cf "pq o ctngvcdrg"unkm. "c"uwpvgf "ugpug"qh"o qterkx{. "cpf "c"i nqo { "f kur qukkqp0Kf gekf gf "vq dgeqo g" c"lqwtprku0

Cu" c"htgk p"eqttgur qpf gpv"ht "P cvkqpcn"Rwdnke"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 tkg"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 nqo { "wpj cr r { "r gqr ng0Vj g"twj "ku"vj cv"wpj cr r { r gqr ng. "rklpi "lp"r tqhqwpf n{ "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 gtcnf gf "j cr r { "r nreguA"Rnregu vj cv'r quuguu. "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 nrcuwtg. "ur ktkwcrkx{. "hco kx{. "cpf "ej qeqnvg. co qpi "qvj gtu0Ctqwpf "vj g"y qtrf. "f q{ gpu"qh"y j cv"ku"r n{ "vj go ugkxgu"qw"gxgt { "f c{ 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

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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 wksqu
i tkpplpi "{gmny "i ter j k0Qtli 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{pqp{o qwu"y kj "vj g"htqv {."s wlvguugpvkcm{ "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 kplkg/vj g/Rqj "ej ctcevt"y cu"Gg{ qtg0Hqt"o quv
qh"j wo cp"j kvqt{. "Ky qwf"j cxg"dggp"eqpuf 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
qpn{ "ku"j cr r kpguu"eqpuf gtgf "r quukdg"ht"cp{ qpg"q"cwckp. "k"ku"gzr gevfg 0Vj wu"K"cpf
o kntqpu"qh"qv gtu. "uwhtg"htqo "vj g"wpk wgn{ "o qf gtp"o cmf { "vj cv"j kvqtkep "F cttkp
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Cpf "uq. "rhg"o cp{ "qv gtu. "Kxg"y qtngf "cv"ku0Kpgxgt"o gv"u"gh/j gr "dqqm"Kf kf p0
rhg0O { "dqqmj gh"ku"e"vy gtlpi. "vgvgtlpi "o qpwo gpv"q"gzkvpgvkn"cpu. "dtko o kpi
y kj "dqqm"lphqto kpi "o g"vj cv"j cr r kpguu"rgu"fggr "lpuf 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"ugrh/j gr "lpf wutken"eqo r rgz "ku"uq"fggr n{ "kpi tclpgf "cu"q"dg
ugrh/gxkf gp0Vj gtg0qpn{ "qpg"r tqdrgo <"K0"pqv"twg0J cr r kpguu"ku"pqv"lpuf g"qh"wu
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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"lpuf g
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{ qw"ecppqv"j cxg"y j cv"ku"lp"j gtg0wpguu{ "qwj cxg"y j cv"ku"qww"vj gtg00

Kp"qv gt"y qtf u. "y j gtg"y g"ctg"ku"xken"q"y j q"y g"ctg0

D{ "0y j gtg.0"K0 "ur gcnkpi "pqv"qpn{ "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"hcn"q"pqv"kg"ku"gzkvpgv"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"hpfi kpi "eqvpgvo gpv. "cu"kh"vj gug"y gtg"rqecvkvpu"lp"cp
cvru. "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
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Nwtmkpi "lwuv"dgj kpf "vj g"ewtclp"ku. "qh"eqwtug. "vj cv"vpcvkn{ kpi. "unkr gt{ "eqpegr v
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Gf gp. "y cu"e"tgcnr rreg0K"cr r gctgf "qp"o cr u0 rregvfg. "kqplecm{. "cv"vj g"eqphwpgv"qh
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Gwtqr gcp"gzr mtgtu"r tgr ctgf "ht"gzr gf kkvpu"lp"ugctej "qh"r ctf kug"d{ "ngctplpi
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ur gcnkpi "pqv"Ctco cle "dw"cpqvj gt "qduewtg"ncpi wci g. "vj g"o qf gtp "rkwti { "qh"drkuu
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vgto u"rkng"ör qukxg"chhgevö"cpf "öj gf qple"cf cr wvkqp0K'ectt { "pq"Dkdr. "lwuv"c"lgy
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+. "Krcenlo { "dci u"cpf "f gr ctv'o { "j qo g"qp"y j cv'Knpqy "hwn'y gm'ku"c"hqqr
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VJ G'P GVJ GTNCP F U

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

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Gxgt { qpg'ku'uo qnkpi . "uq'Klqkp'lp."hi j v'pi "wr "c'rkvng'eki ct0'Uqo g'yj kpi "cdqw'yj g r n'eg'o cngu'v'o g'hgn'gZR cpuk'xg'cpf "Kdgeo g'cewgn' "cy ctg'qh'yj g'uo cngu'f g'v'cln0'K pqv'eg'c"y qo cp'ukv'pi "qp"c'dct "uqqn'j gt "ngi u'r gtr gpf lewrt. "t'gukpi "qp"c'pgctd { dcpkngt "uq'yj cv'yj g { "htqo "c'rkvng'f tcy dtkf i g."y j lej "uj g'tckugu"cpf "mqy gtu'cu'r gqr ng r cuu'd {0

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Cu' { qw'j cxg'pq'f qwd'v'wto kugf . "Kco "c'o cp'y kj "v'o g'qp"o { "j cpf u0'Nqu'qh'v'o g0 Dw'yj cv'ku'yj g'yj j qrg'r qkp'v'qh"c'Gwtqr gcp'ech' <'v' "rkpi gt "gzeguuk'xgn' "cpf "wwgt' n' y kj qw'i wkn0'P 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 "wpv'cln'uqo g'tcf k'cm' "pgy "uej qqr'qh r j kquqr j { ô gz'kngp'v'cln'uo . "uc { ô r qrr gf "kp'v'yj gkt "j gcf u0'K'j cxg'pqv'eqo g'j gtg'v'q kpxgp'v'c'pgy "uej qqr'qh'r j kquqr j { 0'P qv'gzcew' 0'Kco "gpi ci gf "kp'yj j 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'vj gt qh'j cr r kpguu' tgugetej 0'Xggpj qxgp 'twpu' uqo gj 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' t'qcf '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'rcti 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'k'w'pc. 'vj g h'ci tcp'v'ctqo c'qh'F wej 'v'q'gtcpeg<'ugeqpf j cpf 'u'v'qng0'Vy q'dm'em'u'rcvt. 'Kugg'c' o cp r gtej gf 'qp'c'rcf f'gt. 'j cpi kpi 'c' i k'p'v' { g'm'y 'em'i 'qp'c' u'v'q'gt'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 ggn0'K'f qp'v npqy 'gz'cev'f 'y j gtg'vj g { g'g'htqo. 'dw' uqo g'qh'vj g'ko o ki tcpw'j gtg'eqo g'htqo eqw'v'k'gu'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 q'v'g'f 'j qo g. 'o ct'k'w'pc'ku'ngi cn'cpf 'u'q'ku'r t'qu'k'w'k'p0'P 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. 'o'P qy 'o c { dg { q'w'y q'w'f 'k'ng' uqo g'kpvtgeqwtug0

0Gzewug'o gA0

0kpvtgeqwtug0 q'w'ecp'j c'xg'kpvtgeqwtug0

Ko 'vj k'p'kpi. 'Y qy. 'vj g'F wej 't'gcm' 'ctg'c'r gto ku'k'xg'dw'pej. 'y j gp'k'f cy pu'qp o g'vj cv'j g'ku'ur gcm'kpi 'qh' uqo gj kpi 'g'ng' gp'v'k'ng'0'K'p'gt 'eqwtug0'Cu'kp'0'dgwy ggp eqwtugu0

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

Cpf 'uq'K'f q0'K'j c'xg'kpvt'eqwtug. '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'k'g'f 'f k'p'kpi 'g'zr gt'k'p'eg0'K'ku'r 'o { 'dggt. 'u'v'ctg'kp'v ur ceg. 'cpf. 'kp' i g'p'gtcn 'f q'p'q'v kpi 0 w'p'k'n'vj g'y c'k'gt 'dt'kpi u'vj g' i t'k'ng'f 'u'c'n qp. k'p'f k'ec'v'kpi 'vj cv'ht'p'qy. 'o { 'kpvt'eqwtug'ku'q'x'gt0

Kp'vj g'o q't'p'kpi. 'K'w'ng'vj g'u'w'dy c { 'v'q' o { 'J qn { 'I t'ck'n<'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't'f u'0j cr r kpguu0'cpf 0'f cvedcug.0'dw'vj ku'ku'f k'h'gt'gp'v0'Vj 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'g0'J gtg { q'w'ecp. 'y kj 'vj g'er'ken'q'h'c' o q'w'ug. 'ceegui'vj g'u'get'gw'qh'j cr r kpguu0'U'get'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'='u'get'gw' k'p'uet'k'd'g'f 'p'q'v'qp'r c'tej o g'p'v'dw'qp'j c'tf 'f t'k'x'g'u'='y t'k'w'g'p'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'0'Vj g'eqngi 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'i 0'Ch'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 km {

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 vn' "ko r kuj "i tlp0J g"ur tlp0J 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 lewqwur { .
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 "rtko 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'vq" 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"rtqhgukpccn' 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 "rtko 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'vq" 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"rtqhgukpccn' 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 mq { 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"vq" g"i qqf "uqelgv { 0Xggpj qxgp "cnuq"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 "hqwfp"y j go "y cpvpi 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"tguwmuAY gtg "ku"ekkl' gpu"j cr r { AXggpj 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"wkrlctkcp "rtlpekr 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 "gzkvgt0

Xggpj qxgp "y cu"uww { kpi "uqelqmgi { ō c" hgrf "y j cv. "cv"y j g"vko g. "o gcpv"qpnl "y j
uww { "qh"ulen' uqelgvku. "f { uhvpev'kpcn'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 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 "uqrl' "cecf go le"etgf gpvkn. "vqrf"j ko . "kp"pq"vpegtvclp"vgtō u. "vq"uj w'w'w' "cpf "pgxgt

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

Xggpj qxgp'rglw."ej curkugf "dw'uetgw" "r rncugf 0J g'npqy "j g'y cu'qp'v'q'uqo gvj kpi 0 K'uq"j crr 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 crr 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 crgtu" gcej " { gct0" Vj gtg "ctg" j crr kpguu eqphgtgpegu'cpf "c" *Lqwtpcn'qh'J crr kpguu'Uwf kgu** y j lej "Xggpj qxgp"gf ku+0Uwf gpv'cv Emtgo qpv'I tcf wcvg "Wpkxgtukv{ "kp'Ecnkhtpkc"ecp'pqy "gctp"cp"OC"qt "Rj F "kp'r qukxg r u{ej qm{ { ð kp"j crr 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 crr 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 rrvkvq "qh"j crr kpguu. "qh"eqwtug. "ku'pqv'pgy 0Vj g" cpekp'v'I tggmu"cpf Tqo cpu'f kf "c"mqv'qh'k0Ctkvqvg. "Rrcvq. "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 crr kpguuA"Y j gp"ctg"y g i qkpi "vq" kpxgpv'lpf qqt "r nwo dlpk A

Ncvt. "vj g'I 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 rrvkpi rhgau" kpgz vtecdng "s wcpf ctkgu0'O 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 { "cdqwj crr kpguu0

Cpf "vj gp"vj gtg "ku'tgri kqp0Y j cv'ku'tgri kqp "kh"pqv'c "i wkf g"vq"j crr kpguu. "vq" drkuuA Gxgt { "tgrki kqp" kpuvewu" hqmvy gtu"kp"vj g'y c { u"qh"j crr 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 crr gp"vq" dgmipi "vq vj g'Igy kuj "qt'Ecvj qrke'hkij. "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'cdqwj crr 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'hqmvy 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 gprcti 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 crr kpguu'y cu'vq"dg"cnrp"ugtkquu. "k'pggf gf "uwf kgu0 Dw'hktuv. "k'pggf gf "c"xqecdwrct { . "c"ugtkquu'lcti qp0Vj g"y qtf "öj crr kpguuö"y qwf pøv f q0K'uqwpf gf "vq"htkxqmqu. "vq"gcukn { wptgtuqqf 0Vj ku'y cu'c'r tqdrgo 0Uq"vj g'uqekn uelgpkvu"eco g"wr "y kj "c" f qql { <"öuwdlgev'xg"y 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" hkp { "vj g"rcvuv uej qrcn { "tgugetej "qp"j crr kpguu. " { qw'pggf "vq"l qqi rg"öUY D.ö"pqv'öj crr 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 "kô y j gp"uqo gvj kpi "hggnu'dcf 0

P gzv."vj 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'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 gwtquekpgkua'cv'j g'Wp'kxgtuk{ 'qh'K'y c"j cxg'kf gp'k'k'gf 'y g'tgi kqpu'qh vj g'dtclp'cuuqekcvf 'y kj 'i qqf "cpf "dcf "o qqf u0Vj g{ 'f q'vj ku'd{ 'j qqnkpi "wr 't'gugctej uwdlgeu"*eqmgi g'uww gpw'lp'pggf "qh's wken'ecuj + "vq"O TKo cej kpgu'cpf 'y gp'uj qy kpi vj go "c "ugt'gu"qh"r lewtgu0"Y j gp "vj g{ "uj qy "r gqr ng "r ngcucpv"r lewtgu0 /dweqrle rcpf uecr gu."f qir j kpu'r r{ kpi ô r ctu'qh'vj g'r tghtqpvcn'iqdg"ctg"cevkxcvgf 0Y j gp"vj g{ uj qy "wpr ngcucpv'ko ci guô c"dkf "eqxgtgf "kp"qln" c" f gcf "uqrf lgt'y kj "r ctu'qh'j ku'hceg o kulkpi ô vj g"o qtg"r tko k'xg"r ctu'qh'vj g'dtclp"rki j v'wr 0'J cr r { "hggkpi u. "kp"qvj gt y qtf u."tgi k'vgt'lp'vj g'tgi kqpu'qh'vj g'dtclp"vj cvj cxg'gxqrxgf "o quv'tgegpv{ 0K'it'kugu'cp kvtki wkpi "s wgunqp<Ctg'y g. "lp"gxqrxkqpct{ 'kh'pqv'r gtuqpcn'vgtu u."uqwej kpi "vqy ctf j cr r kpguuA

T'gugctej gtu"j cxg"vq{ gf "y kj "qvj 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{ "k'o gu"y g"uo k'g. "hqt"kpucpeg0'Cm"qh"vj gug"vej pls wgu"ctg"r tqo kulkpi . "cpf . kpf ggf . "qpg"fc{ "uelgpkuu"o c{ "dg"cdng"vq"ôvcng "{ qwt "j cr r kpguu0"vj g'y c{ "c" f qevqt vqf c{ "vcngu "{ qwt"vgo r gtcwtg0

P qy . "vj qwi j . "vj g"o clp"y c{ 't'gugctej gtu"o gcuwtg"j cr r kpguu"ku"vj tqwi j "c"l'ct"o qtg ngy /vej "cpf . "y j gp "{ qw'vj kpm'cdqwk'k' s wkg'qdxkqu"vej pls wg0Vj g{ "cunlr gqr ng"j qy j cr r { "vj g{ "ctg0T gcm{ 0'ôCm"vj kpi u"eqpukf gtgf . "j qy "j cr r { "y qwf "{ qw'uc "{ "q'w'ctg vj gug"fc{ u0"Vj cv'ku"vj g"s wgunqp. "o qtg"qt"nguu. "vj cv'wtxg{ qtu"j cxg"cumgf "r gqr ng ctqwpf "vj g'y qtrf "hqt"vj g'r cuv'hqt v{ "qt"uq "{ gctu0

T'www"Xggpj qxgp "cpf "j ku"eqmgi wgu"emko "vj cv"vj g"cpuy gtu"ctg"tgo ctnedn{ ceewtcvg0'ô qw'ecp"j cxg" c" f kugcug"cpf "pqv'npqy "kx0"Xggpj qxgp"vgmu"o g. "ôdw "{ qw ecp0'dg"j cr r { "cpf "pqv'npqy "k0D{ "f ghkpkqp. "kh "{ qw'ctg"j cr r { . "{ qw'npqy "k00

Rgtj cr u. "dw"o cp0u"ecr cek{ "hqt"ugr'hf gegr vkp "ku"pqv"vq"dg"wpf 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"vj ku"o qo gpv. "hqt kpucpeg. "y j gp "K'y cu"ugxgpvggp "{ gctu"qrf "vj cv'K'y qwi j v'K'y cu"xgt{ "j cr r { "kp'f ggf . eqo r ngvnr "eqpvgpv. "y kj qw" c"ectg"lp"vj g'y qtrf 0'K'p"tgtur gev. "k'wtpu"qw'K'y cu'l'wuv gzvtgo gn{ "uqpgf "cv'vj g'vko g0Rnuu. "dgg"y cu'lp'xqrxgf 0K'y kpn0

Cpqvj gt"ur ggf "dwo r "qp"vj g'tqcf "vq"j cr r kpguu<"F k'htgtpv'r gqr ng" f ghkpg"j cr r kpguu f k'htgtpv{ 0' l' qwt "kf gc"qh"j cr r kpguu"o c{ "pqv"dg"vj g"uco g"cu"o kpg0'O { "hcxqtkg f ghkpkqp "qh"j cr r kpguu"ur tcpi "htqo "vj g"o kpf "qh"cp"wpj cr r { "o cp"pco gf "P qcj Y gduvgt0"Y j gp "j g"r gppgf "vj g"htuv"Co gtkecp "f k'vqpct{ . "kp"3: 47. "j g" f ghkpgf j cr r kpguu"cu"ôvj g"ci tggcdng"ugpucvkpu"y j lej "ur tkpi "htqo "vj g"gp'lq{ o gpv'qh"i qqf 00 Vj cv'uc{ u'k'cn0'K'j cu"ôci tggcdng"ugpucvkpu.ô"vj g"pqv'kp"vj cv'j cr r kpguu"ku" c" hggkpi 0 Vj g"j gf qpkua"y qwf "i gv"qlh"qp "vj cv0'K'j cu"ôgplq{ o gpv.ô"y j lej "uki pl'k'gu"vj cv j cr r kpguu"ku"o qtg"vj cp'r wtg'cpko cn'r ngcuwtg0Cpf "gp'lq{ o gpv'qh'y j cv'A'Qh'vj g'ôi qqf . ô c"y qtf "vj 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"vj g'tki j v'tgcuqpu0Ctkuqvg"y qwf "j cxg"cr r tqxgf "qh'vj cv00J cr r kpguu"ku" c" xk'wqwu'cevkxk{ "qh'vj g'uqwnô"j g'uc'kf 0C"xk'wqwu'rhg. "kp"qvj gt"y qtf u. "ku" c"j cr r { "rhg0

Y g"j wo cpu'ctg'etgcwtgu'qh'vj g'rcuv'hxg"o kpwgu0'K'p'qpg'uww{ . "r gqr ng"y j q'hqwpf c" f ko g"qp"vj g"r cxgo gpv" c" hgy "o kpwgu"dg'htg"dgkpi "s wgtk'gf "qp"vj g"j cr r kpguu s wgunqp"tgr qtvgf "j ki j gt"ngxgu"qh'uc'k'uev'kqp"y kj "vj gkt"qxgtcm'it'k'gu"vj cp"vj qug"y j q f kf "pqv'hkpf "c" f ko g0T'gugctej gtu"j cxg"v'k'gf "vq"i gv'ctqwpf "vj ku"s wkn'qh"vj 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 "Rlnqórnkng" f gxlgu"q"tuguctej "uwlgevu"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 cvcdqwb"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"uwlgevu"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 j { r gqr ng"eqpukugpv" tgr qtv"j ki j gt"j cr r lpguu"ngxnu"y j gp"vj g{ "ctg"cumgf "kp"hceg/q/ hceg"lpvgtxkgy u"tcvj gt"vj cp"lp"o ckl"lp"uwtxg{u0Cpf "y g"tgr qtv"gxgp"j ki j gt"j cr r lpguu ngxnu"kh"vj g"lpvgtxkgy 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"tuguctej gtu."j qy gxgt."ctg"s wleni"q" f ghgpf "vj gk"y qtn0Hqt "qpg"vj lpi . r gqr ngau"cpuy gtu"ctg"eqpukugpv"qxgt "ko g0Cnuq."tuguctej gtu"eqttqddtcvg"r gqr ngau tgr qpugu"d{ . "hqt"lpucpeg."ej genlpi "y kj "vj gk"tlkpf u"cpf "tgrvkgu0öF qgu"lqg"uggo rknng"o"j cr r { "r gtuqp"q"j{qwaö"K"wtpu"qww"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."uelgpkwu"o gcuwtg"KS"cpf cvkwf gu"qy ctf "kuwgu"rknng"tcekuo . "y j lej "ctg"cuq"uwlgevg0Y j { "pqv"j cr r lpguu"cu y gmAQ"t"cu"O kj "a n{ "Eu"m{ gpw kj cn{k"o"i kcpv"lp"vj g"hgfr "qh"j cr r lpguu"uwlkgu."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"uwlkgu"ctg"tgcupcdn{ "ceewtcvg."y j cv"j cxg"vj g{ hqwpf AY j q"ku"j cr r { ACpf "j qy "f q"Klqk"vj go AVj ku"ku"y j gtg"TwvXggpj qxgp"cpf j ku"fcvdcug"eqo g"lpvq"r n{0

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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"uelgpkwu"ctg"pqy "o cnlpi "wr" hqt"quv"ko g."ej wtplpi "qww"tuguctej r cr gtu"cv"o"r tqf ki kqu"tcvg0J cr r { . "j{qw"o ki j v"uc{ . "ku"vj g"pgy "ucf 0

Vj g"tuguctej "hlpf lpi u"ctg"cngtpcvkgf "qdxkqu"cpf "eqwpgt/lpwwkxg."gzr gev f cpf "uwr tklpi 0K"o cp{ "ecugu."vj g"hlpf lpi u"xcrkf cvg"vj g"i tgc v"vj kngtu"qh"egpwtkgu r cuw0 cu"kh"vj g"cpelgpv"l tggmu"pggf "xcrkf cvkq0J gtg"ctg"o"hg y "qh"vj g"hlpf lpi u."lp"pq r ctvewrt"qtf gt0

Gzvtqxgtu"ctg"j cr r lgt "vj cp"lpvtqxgtu="qr ko kuw"ctg"j cr r lgt "vj cp"r guko kuw= 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 kfr guu"eqwr ngu=Tgr wdrkcpu"ctg"j cr r lgt "vj cp"F go qetcvu="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 "lwu"o"DC="r gqr ng"y kj "cp"cevkg"ugz"rkhg"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"j{qw"y kn"lpewt"y j gp"j{qwt"ur quwug"hlpf u"qw"cpf "ngcxgu"j{qw="r gqr ng"ctg ngcu"j cr r { "y j gp"vj g{ø"geqo o wklpi "q"y qtm="dwu{ "r gqr ng"ctg"j cr r lgt "vj cp"vj qug y kj "vq"rkwr"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"hlpf lpi u"AI gv"o cttkgf "dw" f qpø"j cxg"nkf u"AUctv i qkpi "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 'lko g'wptcxgnkpi '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 'lpuvcepg.'j gcnj { 'r gqr ng'ctg'] cr r kgt
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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
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Cm'ewmwtgu] 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 cpluj
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'lp'Ht gpej . 'I gto cp.'qt 'Kcrkcp.'vj g'eqwpt{au'vj tgg'o clp
ncpi wci gu0

Cm'ewmwtgu'xcnwg'] cr r kpguu.'dw'pqv'vq'vj g'uco g'f gi tgg0'Gcu'Cu'kcp'eqwptkgu
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j cr r kpguu.'y j cv'udggp'ecngf 'vj g'Gcu'Cu'kcp'J cr r kpguu'I cr . 'y j lej 'uqwpf u'vq'o g
rkn'g'uqo g'uqtv'qh'Ej kpgug'I tcpf 'Ecp{qp0Vj gp'vj gtg'ku'vj g'ōuqelcn'f gultcdkx{ '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
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ugrh'ghcekp . 'chtckf 'vq'dg'vj g'r tqxgtdkn'pck'vj cv'vknem'qmw=vj g{ 'ctg'cnuq.'tgnv'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
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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'cvru'qh'driku. 'kh'qpg'gzkuu.'y qp0v'dg'gcu{ 'vq'tgcf 0
Ku'rkng'vj cv'etwo r ngf 'o cr 'ukv'kpi 'kp'{qwt'i nq'x'eqo r ctwo gpv0Dw'Ky cu'f gvto kpgf
vq'r ny 'cj gcf . 'eqpxkpegf 'vj cv'y j kg'y g'o c{ 'pqv'dg'cdng'vq'f khtgtp'vkv'g'hpg'uj cf gu
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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'gzr rckpu.'f qp0v'pgeguuctkn{ 'hk'qwt'r tgeqpegkxgf 'pqv'vqpu0
Uqo g'qh'vj g'] cr r kguv'eqwptkgu'kp'vj g'y qtrf 0 Kgrcpf 'cpf 'F gpo ctm'hqt 'lpuvcepgō
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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 'uqelqmqi kuu0J g'hqwpf 'vj cv'kpeqo g'f kwtkdwkqp'f qgu

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j gtg"kp"vj g"uqekmqi { "f gr ctvo gpv0Gpvtg"ectggtu"j cxg"dggp"dwkn"qp"ko

Kceegr v'j ku"cf xleg"r qrkgnf "dw"vj kpmj g"o wuv'dg"gzci i gtcvpi "cdqww"vj g"f cpi gtu
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o kugtcdrõ qt "cv"vj g"ngcuvi kxg"vj go "c"ur rkvp "j gcf cej g0Y kj "gej "enlem"qh"vj g
o qwug. "Kgeqwpvgt "o { ugtkgu"cpf "cr r ctgvp"eqwptcf levkpu0Nkng"vj ku"O cp { "qh"vj g
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pcvxg0

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pcvkpu"hcm"kpq"vj ku"ecvgi qt { 0Vcp| cpk. "Ty cpf c. "cpf "\ ko dcdy g"ctg"pgct "vj g"xgt {
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ur gevtwo <"vj g"hqto gt "Uqxkgv'tgr wdrkuõ Dgrtwu. "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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fqgu"pqv'dqf g"y gmlht "Kcs0

Y j cv'cdqww"vj g"y cto "cpf "uwpp { "r nregu. "vj qug"tqr kecn'r ctcf kugu"vj cv"y g"cuuqekcy
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Vj g"r j kquqr j gtu. "vj qwi j. "ctg"vj g"tgcn'ewr tkuo vj g"dtqqf kpi "y j kg"i w{u"ltqo Gwtqr g0Vj g{ "vgpf gf "vq"y gct "cm"drcem"uo qng"vq"o wej. "cpf "j cf "tqwdrg"i gwkpi fcvu0Uq"vj g{ "j wpi "qww"cmppg. "lp"echf u. "r qpfgtgf "vj g"wpkxgtug. "cpf o uwtr tkug#o eqpenw gf "kv"ku"cp"wpj cr r { "r rceg0Qh"eqwtug"kv"ku0Vj cv"ku. "kh" { qw"j cr r gp"vq"dg" c mppgf. "dtqqf kpi. "rcuv{ /unlppgf "y j kg"i w{0Vj g"j cr r { "r gqr ng"qh"uc{. "gk j vggpj / egpwt { "J gkf gndgti "y gtg" dwu{ "dgkpi "j cr r { . "pqv"y tkkpi "mipi. "tco drkpi "f kvtkdgu kpgpf gf "vq"vqtwtg"uqo g"pqv{ gv'dqtp"eqmgi g"uwf gpv"lp"Dmqo kpi vq"y j q"pggf u"vq r cuu'Rj kquqr j { "323"lp"qtf gt"vq"i tcf wcvgo

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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 cwcA'K'Kco "j qpguv. "cpf "Kō ki j v'cu"y gm'dg"kh"Kō "cnkpi vj g"tqwdrg"vq"y tkvg"vj ku. "Kf "uc{ "Ky cu" c"ukz0Vj cv'o cngu"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

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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"eqpukvgpv{ "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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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 gtrpuf 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 gtrpuf u0 Vj g{ "ctg"ugtvgf "kp"eqhgg"uj qr u."y j kej "ctgpøw'tgcm "eqhgg"uj qr u'cv'cm'dw'f twi "f gpu0 ðEqhgg"uj qr ø'uqwpf u'o qtg'tgur gevcdng"vj cp"õf twi "f gp.ø"vj qwi j 0

Dw'y j kej "qpg"uj qwrf "Kv{A'Vj gtg"ctg"uq"o cp{ "vq"ej qqug"htqo 0'kp"tqwgtf co . gxgt{ "vj ktf "qt"hwv"vj "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 "Kpqvleg"ce r ckpvkpi "vj cv'mqmu'rkng"kv'y cu'f qpg"d{ "ce"vngpvgf "ukz y /i tcf gt0'kp"vj g"htgi tqwpf "ku"ce ct "vj cv"j cu'lwuv'r mgy gf "kvq"ce"tgg."y kj "unkf "o ctmu'tckkpi "qh'vqy ctf "vj g"j qtk qp0 Wpf gtpgc"vj "ku"y tkwgp<øUqo g'tqcf u'qpn "gzkv'kp"ftwi i gf "o kpf u0'Kø "pqv'wv'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 {"eqngi g'f qto "tqqo "kp"P gy "Lgtug{0Vt{kpi "vq"dg"eqqn"v{kpi "vq hv'kp."dw'vckkpi "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"hgcvtkpi "Vj ck'o ctckwpc."j g'uc{u."cu'kh'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"cdqwu'kz "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'uco r 0

Kj cxg"cdunwgn "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"e'gm0K0 "uwtg"Twuv "ku"e'qtr qtcvg"rcy { gt "pqy . "hklpi kp "y g"uwdwtdu'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"hw drg "y kj "y g"j cuj "kpuvgf. "x { kpi "vq"mqm'cu j gr ngu"cu"r quikdr. "y j lej "wpf gt "y g"ektewo ucpegu"eqo gu"pcwtcm 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"kv'rkng "hgc "ej ggug0Vj gp "j g"vptqmu"e eki ctgwg. "c'tgi wnt "eki ctgwg. "cpf "kpuqtu"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'ngcu'j ch'y g"hw"qh"gi ci kpi "kp"knk'cev'kx { "ku"y g"knk'v r ctv'cpf "pqv'y g"cev'kx { "r ctv0K'qy gt "y qtf u. "uo qnkpi "j cuj "ngi cm { "kp"Twgtf co "ku pqv'pgctn { "cu"o wej "hw"cu"f qkpi "kv'knk'kx { "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

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Vj g"r j kquqr j gt "Tqdgvt'P q l kem'j cf "uqo gvj kpi "vq"uc { "qp"y g"uwdlge0P qv'cdqw y g"Crr j c "Drpflg. "y j lej "K'f qwdv'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 l kem'f kf "y kpm'mpi "cpf "j ctf "cdqw"y g tgrv'kpuj k' "dgvy ggp"j gf qpluo "cpf "j cr r kpguu0J g"qpeg'f gxkuf "c"y qwi j v'gZR gt ko gpv ecmgf "y g"Gzr gt kpeg'O cej kpg0

Ko ci kpg "y cv"ouwr gtf wr gt "pgwtqr u { ej qm i kuw0 "j cxg "hi wtgf "qw" c "y c { "vq unko wrcg "c"r gtupau"dtclp "kp"qtf gt "vq"lpf wvg "r ngcuwtcdng"gzr gt kpegu0Kau"r gthgwn { uchg. "pq "ej cpeg "qh" c "o ch'wpev'kq. "cpf "pqv"j cto hwn "vq" { qwt "j genj 0/ qw"y qwf gzr gt kpeg "eqpuv'v'r ngcuwtg "hqt "y g"tguv'qh" { qwt "rhg0Y qwf " { qw'f q "kAY qwf " { qw r nwi "kvq"y g"Gzr gt kpeg'O cej kpgA

Ka"pqv. "cti wgf "P q l kem "y gp" { qwæxg "lwuv"r tqxgf "y cv'y gtg "ku"o qtg "vq"rhg"y cp r ngcuwtg0Y g"y cpv'vq "cej kxg"qwt "j cr r kpguu"cpf "pqv'lwuv"gzr gt kpeg "k0Rgtj cr u'y g gxgp "y cpv'vq "gzr gt kpeg "wpj cr r kpguu. "qt "cv'ngcu'v'ngcxg "qr gp "y g"r quikdkkx { "qh wpj cr r kpguu. "kp"qtf gt "vq"twn { "cr r tgekv'g"j cr r kpguu0

Tgi tgwcdrf. "K'kpf "o { ugh "kp"ci tggo gpv'y kj "P q l kem0Ky qwf "pqv'r nwi "o { ugh kvq "y g"Gzr gt kpeg'O cej kpg. "cpf "y gtghgtg "Ky km"pqv'dg "tng'ecv'kpi "vq"y g"Crr j c Drpflg "Eqhgg"Uj qr 0Y j lej "ku" c "uj co g0F kf "Ko gpv'kq"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"rtqukwwkq"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 "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 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 "dgvy 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"vko 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 /gf i 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{ gu0Kj 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{ . "ōK'o wuv'dg'y qpf gthwly qtnkpi "kp"vj g"hgfr "qh"j cr r kpguu'uwf kgu0ō

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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"dggu'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'vj 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"fqj "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"ftgur 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"Ky qpf gt "cv'y j cv'equ0Kp"vj gkt "y qtrf . "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 ctvwctn "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" dwwgt0 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 "Kecpuxtev" 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 cwg tu" pq0 Ky kmhmqy "y g" j cr r kpguu" uegpv" y j gtgxt
k' hgc f u

Y kj "o { "cvru" lp" j cpf. "Kdqctf "y g" tclp" cvTqwg f 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 Kcepø/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 { "urk g" lpvq "kpf khtgpeg. "cpf "y cvu" pq "hwp" cv' cm0 Dgukf gu. "Kcepø
rxg" y kj "uq" o wej "urcn0 Kō "vq q" y gcn0 Ky qwf pø" npqy "y j gp" vq "uqr 0 Kō Kō qxgf "vq
J qmcpf. " { qwø "r tqdc d { "hpf "o g" c "hgy "o qpj u" rvg t. "gpi whgf "k" c "emwf "qh
O qtqecp" j cuj. "c" j qqngt "w p f gt" gcej "cto 0

P q. "y g" F wej "y c { "ku" pqv" hqt "o g0 Rgtj cr u" o { "pgz v" f gukpcvkp "ku" y g" qpg0 Kō
j gcf lpi "vq" c" eqwpt { "y j gtg" y g" tclpu" t w p" qp" vko g. "y g" utggv" ctg" ergcp. "cpf "vqrgtcepg.
rkn g" gxgt { y lpi "gnug. "ku" f qrgf "qw" ectghm { . "k" 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 wdrkcvkqp"o c{ "dg'tgr tqf wegf ."f kwtkdwgf ."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 kkkqp"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](#)

Vy gmg'ku'cp'ko r tkp'v'qh'I tcpf "Egptcrn'Rwdrkuj kpi 0

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Hktuv'gDqqm'Gf kkkp<"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'K'i'c'P wo dgt](#)

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

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

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

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

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

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

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

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

Ej cr vgt'32<'CO GT~~K~~E<'J cr r kpguu'K'i'J qo g

GRKNQI WG

Cempqy rnf i o gpw

Cdqw'vj g'Cwj qt

hqt "Uj ct qp

*Kp'vj gug'f c{u'qh'y ctu'cpf 'two qtu'qh'y ctu.'j cxgpø'f qw'gxgt 'ft gco gf
qh'c 'rncg'y j gt g'y cu'rgceg'cpf 'ugewt kf.'y j gt g'hxkpi 'y cu'pqv
c'wt wi i rg'dw'c 'rcwkipi 'f grki j vA*

ô Nqu'J qt k qp.'ft gev gf 'd{ 'Ht cpm'Ecr tc.'3; 59

Kvrtqf wevkqp

O { "dci u'y gtg'r cengf "cpf "o { "rtqxkukqpu"nqcf gf 0'Ky cu'tgcf { "hqt "cf xgpwtg0Cpf uq. "qp "c "revg"uwo o gt "chgtppqp. "Kf tci i gf "o { "tgnwecpv"tlkpf "F tgy "qhh"vq "gzt ngtg pgy "y qtrf u"cpf. "K'j qr gf. "vq "hpf "uqo g "j cr r kpguu"cmipi "vj g "y c { 0'Kxg "cny c { u dngxgf "vj cv"j cr r kpguu "ku"lwuv"ctqwpf "vj g "eqtpgt0'Vj g "tlem"ku"hpf lpi "vj g "tkj v eqtpgt0

Pqv"mipi "kpq "qwt "lqwtpg{. "F tgy "i tgy "pgtxqu0'J g "r ngcf gf "y kj "o g "vq "wtp dcem"dw"Klpukngf "y g "r tguu"qp. "r tqr gmgf "d { "cp"ktgukndng"ewtkukv{ "cdqwy j cv"rc { cj gcf 0'F cpi gt A'O ci leA'K'pggf gf "vq"npqy. "cpf "vq"vj ku"fc { "Kx "eqpxlpegf "Ky qwf j cxg'tgcej gf "y j gtgxtg"kv'y cu"Ky cu"t { lpi "vq'tgcej "j cf "vj g "Dcnko qtg"Eqwv{ "Rqkleg pqv"eqpenxf 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 vj qtqwi j hctg'y cu'pq'r nceg'hqt"e"eqwr ng"qh'hkxg/{ gct/qrf u0

Uqo g "r gqr ng"ces vktg"vj g "tcxgn"dw 0'Qvj gtu"ctg"dqtp "y kj "k0'O { "chhkvkqp. "kh vj cvu"y j cv"kv"ku. "y gpv"kpq "tgo kukqp "hqt "o cp { " { gctu"hmjy lpi "o { "cdqvgf gzt gf kkpq "y kj "F tgy 0'K'tguwthceg "chgt "eqmgi g "y kj "tgpgy gf "hwt { 0'Kf gur gtcvgn{ y cpvgf "vq"ugg"vj g "y qtrf. "r tghgtcdn{ "qp"uqo gpgp "gnugv"fo go'Dw"j qy A'Kj cf "pq o ctngvcdng"uniku. "c"uwpvgf "ugpug"qh"o qtcvks{. "cpf "c"i nqgo { "f kur qukxqp0'Kf gekf gf vq"dgeqo g"c"lqwtpcvku0

Cu"c"htgki p"eqttgur qpfp gpv'hqt "P cvkqpen'Rwdike "Tcf kq. "K'tcxgrgf "vq"r nregu"uwej cu"Kcs. "Chi j cpkncp. "cpf "Kpf qpgukc<"wpj cr r { "r nregu0'Qp "qpg "ngxgn "vj ku"o cf g r gthgev"ugpug0'Wpeqpuekqur{. "Ky cu"qdugt xkpi "vj g"htuv"rcy "qh'y tkkpi <"Y tkng"cdqwy j cv" { qw'npqy 0Cpf "uq. "pqvgdqnm"lp"j cpf. "vcr g'tgeqtf gt "unwpi "qxgt"o { "uj qwf gt. "K tqco gf "vj g "y qtrf "vgnkpi "vj g"uqtlgu"qh"i nqgo {. "wpj cr r { "r gqr ng0'Vj g "twj "ku"vj cv wpj cr r { "r gqr ng. "hxxkpi "lp"r tqhqwpf n{ "wpj cr r { "r nregu. "o cng"ht"i qqf "uqtlgu0'Vj g { wi "cv"j gctvutkpi u"cpf "lpur ktg'r cvj qu0

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

Y j cv"kh "Ky qpf gtgf. "Kur gpv'c" { gct "tcxgnkpi "vj g "i nqdg. "uggnkpi "qww"pqv"vj g y qtrf v{ "y gm'tqf f gp "vtqwdng"ur quu"dw. "tcy gt. "ku"wpj gtcnf gf "j cr r { "r nreguA'Rnregu vj cv'r quuguu. "lp"ur cf gu. "qpg"qt "o qtg"qh"vj g "lpi tgf kgpw"vj cv'y g "eqpukf gt "guugpvkcn"vq vj g "j gctv{ "ugy "qh"j cr r kpguu<"o qpg{. "r ngcuwtg. "ur ktkwcrks{. "hco k{. "cpf "ej qeqrvg. co qpi "qvj gtu0Ctqwpf "vj g "y qtrf. "f q{ gpu"qh"y j cv"ku"r n{ "vj go ugnkgu"qww"gxgt { "fc { 0 Y j cv"kh" { qw'hkxgf "lp"c "eqwpt { "vj cv'y cu"hdwqur{ "y gcnj { "cpf "pq"qpg"r ckf "czguA Y j cv"kh" { qw'hkxgf "lp"c "eqwpt { "y j gtg "hcnwtg"ku"cp "qr vkqpA"Y j cv"kh" { qw'hkxgf "lp"c "eqwpt { "uq"fo qetcvk "vj cv" { qw'xqvgf "ugxgp"vko gu"c" { gctA"Y j cv"kh" { qw'hkxgf "lp"c "eqwpt { "y j gtg "gzeguukxg"vj kpnkpi "ku"fkueqwtci gf AY qwf " { qw'dg"j cr r { "vj gpA

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

K'y cu'dqtp "kp"vj g"l gct "qh"vj g"Uo krg{ "Hceg<"3; 850Vj cwa'y j gp"e"i tcr j le"f guki pgt
ltqo "Y qteguvt. "O cucej wugwu. "pco gf "J ctxg{ "Dcm"lpxgpgf "vj g"pqy /wdks wkqwu
i tkppkpi "{ gmqy "i tcr j le0Qtki kpcmf. "Dcmu"etgcwqp'y cu'f guki pgf "q"ej ggt"wr "r gqr ng
y j q"y qtngf "cv"qh"cm"r megu. "cp "kpuwcpge"eqo r cp{. "dw"kv"j cu"ukpeg"dgeqo g
u{ppp{o qwu'y kj "vj g"ltqv { .s wkpvguugpvkcm{ "Co gtkecp"dtcpf "qh"j cr r kpguu0

Dcmu"ej ggt{ "leqp"pgxgt "y qtngf "ku"o ci le"qp"o g0'K'co "pqv"e"j cr r { "r gtuqp.
pgxgt "j cxg"dggp0'Cu"e"ej kf. "o { "hcxqtkg"Y kplg/vj g/Rqj "ej ctcevt "y cu"Gg{ qtg0
Hqt "o quv"qh"j wo cp"j kuxqt{. "Ky qwf "j cxg"dggp"eqpukf gtgf "pqto cr0'J cr r kpguu. "kp
vj ku"rhg. "qp"vj ku"gtvj. "y cu"e"r tk g"tgugxgf "hqt "vj g"i qf u"cpf "vj g"htwpcvg"hy 0
Vqf c{. "vj qwi j. "pqv"qpn{ "ku"j cr r kpguu"eqpukf gtgf "r quukdg"ht"cp{ qpg"vq"cwckp. "kv"ku
gzr gevgt 0'Vj wu"K"cpf "o knkqpu"qh"qvj gtu. "uwhtg"ltqo "vj g"wpks wgn{ "o qf gtp"o crmf {
vj cv"j kuxqtcp"Fc ttp"O eO cj qp"ecm{öy g"wpj cr r kpguu"qh"pqv'dgkpi "j cr r { 0'K'ku"pq
hwp"cv'cm0

Cpf "uq. "hng"o cp{ "qvj gtu. "Kxg"y qtngf "cv'k0Kpgxgt"o gv"e"ugrh/j gr "dqqm"Kf kf pø
rhng0O { "dqqmij gh"ku"e"vqy gtlpi. "vgvgtlpi "o qpwo gpv"vq"gzkugpvkcn'cpi uv"dtko o kpi
y kj "dqqm"lphqto kpi "o g"vj cv"j cr r kpguu"rku"fggr "lpukf g"qh"o g0'K'Kö "pqv"j cr r {.
vj g{ "eqwpugn"vj gp"Kö "pqv'f ki i kpi "f ggr "gpqwi j 0

Vj ku"czkqo "qh"vj g"ugrh/j gr "kpf wutken"eqo r ngz "ku"uq"fggr n{ "kpi tclpgf "cu"vq"dg
ugrh/gxkf gp0'Vj gtgou"qpn{ "qpg"r tqdngo <Kö "pqv'twg0'J cr r kpguu"ku"pqv'lpukf g"qh"wu
dw'qww"vj gtg0Qt. "vq"dg"o qtg"r tgekug. "vj g"npg"dgwy ggp"qww"vj gtg"cpf "lp"j gtg"ku"pqv'cu
uj ctr n{ "f ghkpgf "cu"y g"vj kpn0

Vj g"nvg"Dtkkuj /dqtp"r j knquqr j gt"Cncp"Y cwu. "kp"qpg"qh"j ku"y qpf gthwn'ngewtgu
qp"gcuvgtp"r j knquqr j { . "wugf "vj ku"cpncpi { <0'K'Kf tcy "c"ekterg. "o quv'r gqr ng. "y j gp
cungf "y j cv'Kj cxg"ftcy p. "y kn'uc{ "Kj cxg"ftcy p"e"ekterg"qt"e"fkue. "qt"e"dcn0Xgt { "hy
r gqr ng"y kn'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"htuv. "tcvj gt "vj cp"vj kpnkpi "qh"vj g"qwuuf g0'Dw"cewcm{ "vj gug"vy q"ukf gu"i q
vqi gvj gtö { qw'ecppqv"j cxg"y j cv'ku"kp"j gtg'wprguu" { qw"j cxg"y j cv'ku"qww"vj gtg0ö

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

D{ "öy j gtg.ö"Kö "ur gcnkpi "pqv'qpn{ "qh"qwt"r j { ukecn'gpxtqpo gpv'dw'cnuq"qh"qwt
ewnwten"gpxtqpo gp0'Ewnwtg "ku"y j g"ugc"y g"uy ko "kpö uq"r gtxcukxg. "uq"cm/
eqpuwo kpi. "vj cv'y g'hcn'vq"pqvleg"ku"gzkugpeg"wpvkn'y g'ungr "qww'qh'k0'K'ö cwgtu"o qtg
vj cp"y g"vj kpn0

Y kj "qwt "y qtf u. "y g"uwdeqpuekwun{ "eqphrcvg"i gqi tcr j { "cpf "j cr r kpguu0'Y g
ur gcnl'qh'ugctej kpi "hqt"j cr r kpguu. "qh'hkpf kpi "eqpvgpvo gpv"cu"kh"vj gug"y gtg"mecn'kqpu
kp"cp"cwcu. "cewcn'r megu"vj cv'y g"eqwf "xkuk'kh"qpn{ "y g"j cf "vj g"r tqr gt"o cr "cpf "vj g
tki j v'pcxki cvkqpcn'unkm0Cp{ qpg"y j q"j cu"cnpgp"e"xccevqp"vq. "uc{. "uqo g'Ectkddgcp
kurcpf "cpf "j cf "hcu"j "vj tqwi j "vj gk"o kpf "vj g"wpkpxkgf "vj qwi j v'öK'eqwf "dg"j cr r {
j gtgö"mpqy u'y j cv'Kö gcp0

Nwnkpi "lwuv'dgi kpf "vj g"ewtckp"ku. "qh"eqwtug. "vj cv'vcpvkn{ kpi. "unkr gt { "eqpegr v
mpqy p"cu"r ctcf kug0'K'j cu'dgi wkgf "wu"j wo cpu"ht"uqo g"vko g"pqy 0'Rrcv"ko ci kpgf
vj g"Drguugf "Krgu. "c"r meg"y j gtg"j cr r kpguu"hmj gf "rhng"vj g"y cto "O gf kggtcpgep
y cvgtu0'Wpkn"vj g"gli j vggpvj "egpwt{. "r gqr ng"dgrkxgf "vj cv'dkdnecn"r ctcf kug. "vj g
I ctf gp"qh"Gf gp. "y cu"e"tgcn'r meg0'K'cr r gctgf "qp"o cr uö mecvgf. "kqplecn{. "cv"vj g
eqphwgep"qh"vj g"Vki tku"cpf "Gwr j tcvgu'tkxgtu. "lp"y j cv'ku"pqy "o qf gtp/f c{ "Kcs0

Gwtqr gcp "gZR mgtgtu"r tgr ctgf "hqt "gZR gf kkp"kp "ugctej "qh"r ctf kug"d { "ngctplpi
Ctco cle."y g"ncpi wci g"lguwu"ur qng0Kugv'qw"qp"o { "lqwtpg{."o { "ugctej "hqt"r ctf kug.
ur gcnkpi "pqv"Ctco cle "dw"cpqy gt "qduwtg"ncpi wci g."y g"o qf gtp "rkwti { "qh"druu
ur qngp"d { "y g"pgy "cr qungu"qh"y g"go gti kpi "uekgpeg"qh"j cr r kpguu0K'dtwuj "wr "qp
vgto u"rkng"ör qukkxg"chgeö"cpf "öj gf qple"cf cr vckqp0K'ectt { "pq"Dldrg."lwuv"chgy
Nqpgn'Rncpgv'i vkf gu'cpf "c"eqpxlevkp"y cv"cu"J gpt { "O kngt"uckf."öQpgu'f gukpcvkqp
ku'pgxgt"cr r neg."dw"chpgy "y c { "qh"uggkpi "y kpi u0

Cpf "uq."qp"ch"v r kcm { "ugco { "f c { "kp"O lco k"kuh"uqo g"r gqr ngu"eqpegr v'qh
r ctf kug+."Krcenlo { "dci u'cpf "f gr ctv'o { "j qo g"qp"y j cv"Knpqy "hwn'y gm"ku"ch"qqr
gttcpf."gxgt { "dk/cu"hqrkuj "cu"y g"qpg"Kvkgf "vq"r wn'qh"cu"ch"r gtr cvgle"hxg/{ gct/
qrf 0Cu"y g"cwj qt "Gtle"J qhgt"r w'kv."öVj g"ugctej "hqt"j cr r kpguu"ku"qpg"qh"y g"ej kgh
uqwtegu"qh"wpj cr r kpguu0Vj cvu'qnc { 0K0 "crngcf { "wpj cr r { 0Kj cxg'pqy kpi "vq"huq0

VJ G'P GVJ GTNCP F U

J cr r kpguu'K'i'c'P wo dgt

K'ku'c'hcev'qh'j wo cp'pcwtg'yj cv'y g'f gtxg'r ngcuwtg'htqo 'y cvej kpi 'qyj gtu'gpi ci g'kp r ngcuwtcdng'cevu0Vj ku'gZR nkp'u'yj g'r qr wrtkv' 'qh'vy q'gpvtr tkugu<'r qtpqi tcr j { 'cpf ech' u0Co gtkecpu'gzegncv'yj g'htqo gt.'dw'Gwtqr gcpu'f q'c'dgwtg'lqd'cv'yj g'rwgt0Vj g hqkf "cpf 'y' g'eqhgg'ctg'cm quv'dgukf g'yj g'r qkp0Kqpeg'j gctf "qh'c'ech' 'kp'VgnCxlx yj cv'f kur gpugf 'y kj 'hqkf "cpf 'f tkpm'cni gi gt=k'ugtxgf 'ewuqo gtu'go r v' 'r nvgu'cpf ewu' { g'vej cti gf 'tgcni'o qpg{ 0

Ech' u'ctg'yj gcvgtu'yj j gtg'yj g'ewuqo gt 'ku'dqyj 'cwf kgpeg'cpf 'r gthqto gt0K'kpf 'c y qpf gthwn'qpg'c'dnqen'htqo 'o { 'j qvgn'kp'f qy pvy p'Tqwtg'co 0K'ku'uko wncpgqwan' rcti g'cpf 'eq' { . 'wr uecrg'cpf 'twp/f qy p0P keg'y qkf 'hqqtu.'dw'yj g' { 'mqm'ikng'yj g' { j cxgp0'dggp'r rku'j gf 'kp' { gctu0K'ku'yj g'npf 'qh'r neg'yj j gtg' { qw'eqwf 'ur gpf 'j qwtu pwtulpi 'qpg'dggt.'cpf 'K'wur gev'o cp' { 'r gqr ng'j gtg'f q'lau'yj cv0

Gxgt { qpg'ku'uo qnkp' . 'uq'Klqkp'kp.'iki j kpi 'wr 'c'ikwng'eki ct0Uqo gyj kpi 'cdqwn'yj g r neg'o cngu'ko g'hgn'gZR cpuk'g'cpf 'Kdgeo g'cewng' 'cy ctg'qh'yj g'uo cngu'f gcknu' Kpqveg'c'y qo cp'ukvpi 'qp'c'dct'uxqn'j gt 'rgi u'r gtr gpf lewrt.'tgunkpi 'qp'c'pgctd { dcpkngt'uq'yj cv'yj g' { 'htqo 'c'ikwng'f tcy dtkf i g.'y j kej 'uj g'tclugu'cpf 'mqy gtu'cu'r gqr ng r cuu'd { 0

Kqtf gt'uqo gyj kpi 'ecmgf 'c'Vtr kng'dggt0K'ku'y cto 0P qto cm' . 'Kf qp0'ikng'y cto dggt.'dw'K'ikng'yj ku'dggt0Cm'ctqwpf 'o g'K'j gct 'y' g'r ngcupv'ej qtvng'qh'F wej 0K' uqwpf u'xci wgn' 'lco kkt.'y' qwi j 'Kecp0'ko ci kpg'yj { 0Vj gp'k'f cy pu'qp'o g0F wej uqwpf u'gzcew' 'ikng'Gpi rku'j 'ur qngp'dceny ctf 0Knpqy 'y' ku'dgecwug'K'kg'j gctf 'c'nyv qh'dceny ctf 'Gpi rku'j 0K'p'yj g'r tgf ki ken'gtc.'Kf 'gf k'vr g'ht'o { 'P RT'uxqtkgu'qp'c tggv/q/tggv'vr g'f gem'yj g'uk' g'qh'c'VX'ugv0K'pxctkdr' . 'y' ku'y qwf 'gpvkn'r n' { kpi ugi o gpw'qh'yj g'vr g'dceny ctf 0Cu'K'uk'lp'yj g'ech' . 'y' kj 'o { 'ikwng'eki ct'cpf 'o { y cto 'Vtr kng'dggt.'Ky qpf gt 'h'Ktgeqtgf 'uqo gqpg'ur gcnkpi 'F wej 'cpf 'r n' { gf 'y' cv dceny ctf . 'y' qwf 'k'uqwpf 'ikng'tgi wrt'Gpi rku'j A

Cu' { qw'j cxg'pq'f qwdv'uwto kugf . 'Kco 'c'o cp'y kj 'ko g'qp'o { 'j cpf u0Nqw'qh vko g0Dw'yj cv'ku'yj g'y j qrg'r qkp'v'qh'c'Gwtqr gcp'ech'<'v' 'kpi gt 'gzeguuk'gn' 'cpf wwtgn' 'y' kj qw'i wkn0P q'y qpf gt'o quv'qh'yj g'y qtrf au'i tgcv'r j kquqr j gtu'eco g'htqo Gwtqr g0Vj g' { 'j wpi 'qw'cv'ech' u'cpf 'rgv'yj gk'o kpf u'y cpf gt'wpvku'qo g'tcf kecm' 'pgy uej qqn'qh'r j kquqr j { 0 gzkgpvrkuo . 'uc { 0 r qrr gf 'kp'v'yj gk'j gcf u0K'j cxg'pqv eqo g'j gtg'v'k'pxgp'c'pgy 'uej qqn'qh'r j kquqr j { 0P qv'gzcew' 0Kco 'gpi ci gf 'kp'yj j cv

vj g"htgpej "ecm'x'ej cuug'cw'dqpj gw. 'vj g'j wv'hqt'j cr r kpguu0

Ur gekhlecml. "o { "rtg{ "ku" c "F wej "rtqhuuqt "pco gf "Tww"Xggpj qxgp<"vj g i qf h'vj gt "qh"j cr r kpguu"tgugcte j 0'Xggpj qxgp "twpu"uqo gy kpi "ecmgf "vj g"Y qtrf F cwcducug'qh'J cr r kpguu0'K'ku'pq"lqng0Xggpj qxgp"j cu'eqmgevfg. 'kp"qpg"tqecv'kp. "vj g uwo "qh"j wo cp"npqy ngf i g"cdqw'y j cv'o cmgu"wu"j cr r { . "y j cv'f qgu"pqv. "cpf. "qh r ct'kwrt'kpvtgu'v'q'o g. 'y j lej 'r megu'ctg'vj g'j cr r kpguu0'K'vj gtg'ku'lpf gfg 'c'tqcf "o cr qh'j cr r kpguu'qww'vj gtg. "cp"cvru'qh'druu. 'vj gp"Tw"Xggpj qxgp'y kn'hpqy "cdqw'k0

Krgcxg'vj g'ecl? . 'tgnwecpvl. "cpf"j gcf "dcem'v'q'o { "j qvgn'hqt'f kppgt0Tqwgtf co "ku pqv'c'dgcw'k'w'lek{ 0'K'ku'i tc{ "cpf" f w'n'y kj 'hgy "uki j w'qh'kpvtgu'U'km"Twqwgtf co au o lz "qh"pcv'xg" F wej "cpf" ko o ki tcpw. "o cp{ "qh"vj go "O wuko u. "rgcf u"v'q"uqo g kpvtgu'kpi "lwzcr qu'k'qpu'Vj g"Engqr cvtc"Ugz "Uj qr. "vj g"y kpf qy "f kur rc{ "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"dmem htqo "vj g"Rcn'k'wcp"Kuro le"Epvtg0Cv'qpg'r q'kp. "K'ecvej "c"y j kh'qh'o ctkwpc. "vj g h'ci tcpv'ctqo c"qh" F wej "v'ngtcepg<ugeqpf j cpf "uv'ng0Vy q"dmem'u'rvgt. "Kugg" c"o cp r gtej gf "qp" c"rcf f gt. "j cpi kpi "c"i kpv" { gmqy "emj "qp" c"uv'gtgh'qpv. "y j kg'dgmj "vy q O k'f r'g"Gcungtp"o gp"i tggv'gcej "qv'gt"y kj "u{ o o g'klecn'r gemu"qp"vj g"ej ggn0K'f qpø npqy "gzcew{ "y j gtg"vj g{ ø g"htqo. "dw"uqo g"qh"vj g"ko o ki tcpw"j gtg"eqo g"htqo eqwpt'kgu'y j gtg"creqj qn'ku'kngi cn'cpf "y qo gp"ctg"eqxgtgf "htqo "j gcf "v'q"v'g0'K'p'vj g'kt cf qr v'g "j qo g. "o ctkwpc"ku'ngi cn'cpf "uq"ku'r tquk'w'k'qp0P q"y qpf gt "Kup'kh'v'g'puk'qp k'p'vj g'ct. "o kpi r'kpi "y kj "vj g"ecppcdku0

Vj g"j qvgn'f k'kpi "tqqo "ku"uo cm"eq{ 0'Vj g" F wej "f q"eq{ "y gno'K'qtf gt "vj g cur ctei wu'uqwr 0'K'u"i qqf 0'Vj g"y ckgt "engctu"o { "dqy n'cpf "vj gp"uc{ u. "øP qy "o c{ dg { qw'y qwf "kng"uqo g'lpvgteqwtug0

øGzewug"o gAö

øKpvgteqwtug0 qw'ecp"j cxg'lpvgteqwtug0

Kö "vj k'kpi. "Y qy. "vj g" F wej "tgcml"ctg" c"r gto ku'xg"dwpej. "y j gp"kw'f cy pu"qp o g"vj cv"j g"ku"ur gcn'kpi "qh"uqo gy kpi "gnug"gp'v'g'gt 0'K'pvt "eqwtug0Cu"kp "ødgy ggp eqwtugu0

ð gu.ö'Kuc{. 'tgn'x'gf 0öVj cv'y qwf "dg"pleg0

Cpf "uq"K'f q0'K'j cxg'kpvt "eqwtug. "tki j v'vj gtg"kp"vj g"J qvgn'xcp"Y cnuwo "f k'kpi tqqo 0'K'gpl{ "k'xgt { "o wej. "vj ku"wpj vtt'kgf "f k'kpi "g'zr g'k'gpeg0'K'k' "o { "dgg. "u'ctg k'p'v'ur ceg. "cpf. "kp"i gpgtcn "f q"pqy kpi ø w'v'k'vj g"y ckgt "dt'kpi u"vj g"i t'kngf "ucro qp. k'p'f k'ecv'kpi "vj cv. "hqt"pqy. "o { "kpvt "eqwtug"ku"qxgt0

Kp "vj g"o qtpkpi. "K'wng"vj g"u'wdy c{ "v'q"o { "J qn{ "I tck'vj g"Y qtrf "F cwcducug"qh J cr r kpguu. "qt "Y F J 0'P qto cm{. "K'f q"pqv"cu'q'ek'v'g"vj g"y qtf u"öj cr r kpguu0"cpf öf cwcducug.ö'dw'vj ku'ku'f k'htg'p'v'0Vj g"Y qtrf "F cwcducug"qh'J cr r kpguu'ku'vj g'ugewrt'ku'w cpuy gt "v'q"vj g'X'c'w'cep"cpf "O geec"cpf "Lgtwucngo "cpf "Nj cuc. "cm't'qngf "k'p'v'qpg0J gtg { qw'ecp. "y kj "vj g"en'k'em'qh" c"o qwug. "ceegu"vj g"u'getgw"qh"j cr r kpguu0U'getgw"dcugf pqv'qp"gr j go gtcn't'gx'g'v'k'p'p'ku'p'ku'qo g'c'p'ek'p'v'f g'ugt'v'dw'qp"o qf gtp"ue'k'p'eg<u'getgw k'p'uet'kd'gf "pqv'qp"r ctej o gpv'dw'qp"j ctf "f t'k'xg< y t'k'v'gp"pqv'kp"Ctco cle "dw'kp"vj g r'p'pi wci g"qh'qwt'k'ko gu. "dk'pct{ "eqf g0

Ky cm'ic'hgy "dm'em'u'htqo "vj g"u'wdy c{ "cpf"co "k'p'w'ecp'v'f "f k'ur r q'k'p'v'g'0Vj g'eqmgi g eco r wu"y j gtg"vj g"Y F J "ku"j qwugf "mqmu"o qtg"r'kng" c"u'wdw'dcp"qh'k'eg"r ctn'vj cp" c egpvt "qh'druu. "vj g"tgr qu'k'qt{ "qh"j wo c'p'k'x{ø"npqy ngf i g"cdqw"j cr r kpguu0'K'v{ "v'q uj twi "qh"vj ku'h'g'g'k'p'pi 0'Ch'gt "cm"y j cv'y cu"K'gzr gev'k'p'pi A'Vj g"Y k'ctf "qh"Ql A'Y km{

Y qpne'cpf 'y j g'Qqo r c'Nqgo r cu'uewt { lpi 'ctqwpf 'uj qwłpi 'geucvlecmf . 'ōY gōxg'i qv
k. 'y gōxg'i qv'kōVj g'ugetgv'v'j cr r kpguuōAP q. 'Kī wguu'pqv. 'dw'Kj cf 'dggp'j qv lpi 'hqt
uqo gy lpi 'c'rkwr'rguu'ugtkrg0O qtg'j cr r { . 'rguu'f cvc0

Ky cmf qy p'c'pqp gnetk v'eqttkf qt 'cpf 'mpqem'qp'c'pqp gnetk v'qhleg'f qqt0C
o cp'y kj 'c'F wej 'ceegpv' { gmu'hqt'o g'v'g'pvg0Vj gtg'j g'ku0Ft0Hgni qqf 'j ko ugr0
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. 'grgevtle'g { gu0J g'ku'f tguugf 'kp'cm'drcenō uv { rkuj . 'pqv'o qtdkf 'drcen0
J g'rqmu'xci wgn' 'hco kkt. 'cpf 'y j gp 'K'tgcrk' g'y j { <'J g'rqmu'rkng'c'F wej 'Tqdkp
Y ktkco u. 'y kj 'y j g'uco g'eqkngf 'gpgti { 'cpf 'urki j w { 'ko r kuj 'i tlp0J g'ur tlp0 u'ltqo 'j ku
ej ckt 'cpf 'qthgtu'j ku'j cpf 'cpf 'c' 'dwukpguu'ectf . 'y j lej 'tgcf u<'ōTww'Xggpj qxgp.
Rtqhguuqt'qh'J cr r kpguu'Uwf kgu0

J ku'qhleg'rqmu'rkng'yj cv'qh'cp { 'r tqhguuqt<'dqmu'cpf 'r cr gtu'gxgt { y j gtgō pqv
gur gekm' 'o guu { . 'dw'pqv'yj g'pgcvuv'qhleg'Kōxg'gxgt'uggp. 'gkj gt0Eqpur kēwqwu { .
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'ukpvp'cpf 'y cku'hqt'o g'v'v'cm0

K'f qpōw'npqy 'y j cv'v'q'uc { 0'Cu'c' 'lqwtperku. 'Kōxg'eqpf wevgf 'j wpf tgf u'qh
kpgtxlgy u0'Kōxg'kpgtxlgy gf 'nkp u'cpf 'r tgukf gpw'cpf 'r tko g' 'o kpkngtu. 'pqv'v'q
o gpvqp'j gcf u'qh'vgttqtku'qti cpl c'v'qpu'rkng'J gl dqm'j 0' gv'ukv'pi 'j gtg. 'cetquu'ltqo
y j ku'npkf n' 'F wej 'r tqhguuqt'y j q'rqmu'rkng'Tqdkp'Y ktkco u. 'Kco 'uwo r gf 0Retv'qh
o g. 'y j g'r ctv'yj cv'f gur gtcvgn' 'etcxgu'r gceg'qh'o kpf . 'y cpw'v'q'uj qww. 'ōFt0Xggpj qxgp.
{ qwōxg'etwpej gf 'y j g'pwo dgtu. { qwōxg'uww'kgf 'j cr r kpguu' { qwt 'gpv'g'r tqhguukpccn
rkng' r ngcug'i kxg'k'v'q'o g0I kxg'o g'y j g'f co p'hqto w'c'hqt'j cr r kpguu#0

Dw'Kf qpōw'uc { 'y cv0'Kecpōw'uj cng' { gtu'qh'v'clp'pi . 'y j lej 'vgm'o g'v'q'o c'kpv'clp
o { 'f kucpeg'ltqo 'o { 'uwdlgev'cpf 'pgxgt. 'gxgt'tgxgn'v'q'q'o wej 'cdqw'o { ugr0'Kō
rkng'yj g'qhf'f w { 'eqr 'y j q'ku'qww'v'f kppgt'y kj 'j ku'hco k { 'dw'ecpōw'uxr 'uecp'pi 'y j
tguv'cpv'hqt'r qvgp'v'cl'uj qqvgtu0

Uq 'kpuvgcf 'qh'wpdw'f gplpi 'o { 'uqwn 'K'tguqtv'v'q'cp'qrf 'v'kcm'go r m { gf 'd {
lqwtperku'cpf 'y qo gp'y j q'y cpv'v'q'r w'c'f'cvg'cv'gcug0ōFt0Xggpj qxgp.ō'K'kpcm {
uc { . 'ōvgm'o g'cdqw' { qwtugr0J qy 'f k { 'qwf' gv'lpv'v'j g'j cr r kpguu'dwukpguuA0

Xggpj qxgp'ngcpu'dcem'kp'j ku'ej ckt. 'j cr r { 'v'q'drki g0J g'eco g'qh'ci g'lp'yj g'3; 82u0
Gxgt { qpg'qp'j ku'eqmgi g'eco r wu'y cu'uo qnkp 'f qrg. 'y gctkpi 'Ej g'I wgxctc'V/uj ktu
cpf 'vcm'pi 'cdqw'yj g' 'i qpf 'uqekgv'0Xggpj qxgp'cuq'uo qngf 'r ngpv { 'qh'f qrg'dw
f k'pō'y gct'c'Ej g'I wgxctc'V/uj ktv'cpf 'cu'hqt'yj qug'ōi qpf 'uqekgv'ku.ō'Gcuvtp'Dmē
eqwptku. 'Xggpj qxgp'hqwpf 'y j go 'y cpv'pi 0'Kpugcf 'qh'lw'f i lpi 'c' 'uqekgv' 'd { 'ku
u { ugo . 'j g'yj qw'j v. 'y j { 'pqv'lw'f i g'k'v'd { 'ku'tguw'w'Y gtg'ku'ek'k'gpu'j cr r { A
Xggpj qxgp'j gtq 'y cupōw'Ej g'I wgxctc'dw'c' 'uqekm { 'kpr v'p'kpgvgpj /egpwt {
Dtkkuj 'dcttkngt 'pco gf 'Lgtgo { 'Dgpj co 0'Dgpj co 'hco qwu { 'gur qwugf 'y j g
wkrkctkcp'r tpekr ng. 'ōy g' 'i tgcvguv'j cr r kpguu'qh'yj g' 'i tgcvguv'pwo dgt0'Xggpj qxgp
y qwr'j cxg' 'i n'f n' 'y qtp'c'Lgtgo { 'Dgpj co 'V/uj ktv'j cf 'uwej 'c'yj lpi 'gzkv'f 0

Xggpj qxgp'y cu'uwf { lpi 'uqekm { { ō c'hgrf 'y cv'cv'yj g'vko g. 'o gcpv'qpn { 'y j g
uwf { 'qh'uleni'uqekgv'ku. 'f { uhwpe'v'pccn'qpgu0'Ku'ukngt'f k'ekr kpg. 'r u { ej qm { . 'uwf k'f
ulen'o kpf u0'Dw'pqv' { qwp 'Tww0J g'y cu'kpgt'gugf 'kp'j gcnj { 'o kpf u'cpf 'j cr r {
r megu0Qpg'f c { . 'c'dk'vko k' 'dw'f gvgto kpgf 'pqp'vj g'rguu. 'Xggpj qxgp'npqem'f 'qp'j ku
cf xkuqt'f qqt 'cpf 'cungf 'kh'j g'eqw'f 'r ngcug'uwf { 'j cr r kpguu0J ku'cf xkuqt. 'c' 'uqdg
o cp'y kj 'uqrf 'cecf go k'etgf gp'v'cnu. 'v'rf 'j ko . 'kp'pq'v'p'egt'v'clp'v'gto u. 'v'q'uj w'w'r 'cpf

pgxgt"o gpvkqp"vj cv'y qtf "ci clp0J cr r kpguu'y cu'pqv'c'ugt kquu'uwdlgev0

Xggpj qxgp "rghw. "ej curkugf "dw"ugetgw\ "r rgcugf 0"J g "npgy "j g "y cu"qp "vq uqo gy kpi 0K'uq"j cr r gpgf. "vj qwi j "vj g" { qwpi "F wej "i tcf wcvg'uwwf gpv'f kf pøv'hpqy "cv vj g"ko g. "eqwf pøv'r quukdn\ "j cxg"npqy p. "vj cv'ctqwpf "vj g'y qtrf "uqekcn'uelkpvkuu'y gtg y cnkpi "wr "vq "c "pgy "f kuekr kpg<"j cr r kpguu"uwwf kgu0'Vqf c\ . "Xggpj qxgp "ku"cv"vj g hqtghtqp'v'qh'c'hkgrf "vj cv'ej wpu'qwj" wpf tgf u'qh'tgugctej "r cr gtu"gej "{ gct0Vj gtg'ctg j cr r kpguu"eqphgtgpegu"cpf "c "Lqwtpcn"qh"J crr kpguu"Uwf kgu"y j kej "Xggpj qxgp gf ku'0'Uwf gpw"cv'Erctgo qp'v'I tcf wcvg"Wpkxgtuk\ "kp"Ecrlhqtprk"ecp"pqy "gctp"cp OC"qt'Rj F "kp'r quukxg'r u\ej qmji {ô kpi"j cr r kpguu0

Uqo g"qh"Xggpj qxgpøu"eqmci wgu"ukm"vj kpm"j ku"qrf "cf xkuqt"y cu'tki j v. "vj cv'vj g uwwf { "qh"j cr r kpguu"ku"o kui wkf gf. "uwr kf 0'Dw"vj g\ "ecpøv'ki pqtg"j ko 0J ku'tgugctej "ku qw"vj gtg=kou'ekgf "kp"lqwtpcnu."cpf "kp"vj g'cecf go le'y qtrf "vj cv'o gcpu'k'v'o cwgtu0

Vj g"eqpvgo r rckqp"qh"j cr r kpguu. "qh"eqwtug. "ku"pqv'pgy 0'Vj g"cpekpv'I tggmu"cpf Tqo cpu"ffk "c "nqv"qh"ko'Ctkuqvq. "Rrcvq. "Gr lewtwu. "cpf "qvj gtu"uy gcvgf "qxgt "vj g gvgtpcn's wguqpu0Y j cv'ku"vj g"i qqf "rkhgA'Ku"r rgcuwg"vj g"uco g"cu"j cr r kpguuA'Y j gp ctg'y g'i qkpi "vq"lpxgpv'kpf qqt'r nwo dki A

Ncvg. "vj g"i tggmu"cpf "vj g" Tqo cpu"y gtg"lqkpgf "d\ "qvj gtu. "r crgt/unlkppgf "o gp lrtqo "rcpf u"lctvj gt "pqtvj "y j q "ur gpv"cp "kqtf kpcvg "co qwpv"qh"vko g "kp"ech' u. eqpvgo r rckpi "rkhu"lpgzvtlecdrg "s wcpf ctkgu0'O gp "rkng "Mcpv. "Uej qr gpj cwgt. "O km P kgv uej g. "cpf. "rcvg. "Nctt { "F cxkf 0'Vj g\ . "vq. "j cf "o wej "vq"uc\ "cdqwj"j cr r kpguu0

Cpf "vj gp"vj gtg"ku"tgrki kqp0'Y j cv'ku"tgrki kqp "kh"pqv'c"i wkf g"vq"j cr r kpguu. "vq"drkuuA Gxgt { "tgrki kqp"kpustweu"hmny gtu"kp"vj g"y c\ { u'qh"j cr r kpguu. "dg"kv'kp"vj ku"rkhg"qt "vj g pgzv. "dg"kv'vj tqwi j "uwd0 kuukqp. "o gf kcvkqp. "f gxqvqkp. "qt. "kh" { qw"j cr r gp"vq"dgmpj "vq vj g"lgy kuj "qt'Ecy qnle'hckj . "i wkn0

Cm'qh"vj ku"o c\ "j cxg"dggp"j gr hwn "gpri j vglpi "gxgp. "dw"kv'y cupøv'uelkpeg0'K y cu"qr kpkpu "cdqww"j cr r kpguu0"Ngctpgf "qr kpkpu. "pq "f qwdv. "dw"qr kpkpu pqpvgj grguu."cpf "kp"vqf c\ { u'y qtrf "y g"j cxg"rkvwg'tgi ctf "hqt"qr kpkpu. "gzegr v'r quukdn\ qwt"qy p"cpf "vj gp"pqv'cny c\ { u0P q. "y j cv'y g'tgur gev."r c\ { "j ggf "vq. "ku"j ctf "uelkpeg"qt. hcklpi "vj cv. "uqlv'uelkpeg0'O quv'qh"cm "y g"nqxg"c"i qqf "uwwf { 0'P gy uecvgtu"npqy kpuv'kxgn\ "vj cv'vj g"dguv'y c\ { "vq"i gv'r gqr rgu"gctu"vq"r gtm'wr "ku"y kj "vj gug"hxg y qtf u<0C "pgy "uwwf { "j cu"hwqpf 0'K'o cwgtu"rkvwg"y j cv'hmny u"pgz0C "pgy "uwwf { j cu"hwqpf "vj cv'tgf "y kpg"ku"i qqf "hqt" { qw"l"nkmu" { qw0C "pgy "uwwf { "j cu"hwqpf "vj cv j qo gy qtm"fwmu"vj g "dtclp "l"gpri gu "ko"Y g "gur gekcm\ "rkng "uwwf kgu"vj cv"rgpf etgf kdkk\ "vq"qwt"qy p"kf kqu\ petculgu. "cu"kp. "0C "pgy "uwwf { "j cu"hwqpf "vj cv'r gqr ng y kj "o guu\ "f gumu"ctg"uo ctvgt0"qt "0C "pgy "uwwf { "j cu"hwqpf "vj cv'o qf gtcvg "f ckn\ hrcwrgpeg"ko r tqxgu"qpi gxk\ 0

[gu. "kh"vj ku"pgy "uelkpeg"qh"j cr r kpguu"y cu"vq "dg"vncgp "ugt kquu\ . "kv"pggf gf uwwf kgu0'Dw'hktuv. "kv"pggf gf "c"xqecdwrct\ . "c"ugt kquu"lcti qp0'Vj g"y qtf "0j cr r kpguu0 y qwr pøv'f q0'K'uqwpf gf "vq"ltxqmqu. "vq"gcukn\ "wfp gtuvqf 0'Vj ku"y cu"c"r tqdrgo 0 Uq"vj g"uqekcn'uelkpvkuu'eco g'wr "y kj "c"fqql { <0uwdlgev'xg'y gm'dgkpi 0'Rgthgev0P qv qpnl "y cu"kv'o wkn\ mclde"cpf "xktwcm\ "ko r gpgvctdrg"vq"rc\ { r gqr ng. "kv'cnq"eqwf "dg eqpf gpugf "kpq"cp"gxgp"o qtg"qduewt g"cetqp\ { o <UY D0'Vq"vj ku"fc\ . "kh" { qw'y cpv'vq hpf "vj g"rcvuv'uej qmtn\ "tgugctej "qp"j cr r kpguu. "{ qw'pggf "vq"i qqi ng"0UY D.0"pqv 0j cr r kpguu0'P gzv'eco g"qvj gt'r kgegu"qh"vj g'lcti qp'r w\ | ng00Rquukxg"chgevo"ku"y j gp uqo gy kpi "hgnu"i qqf =0pgi cvkxg"chgevo"ku0 { qw'i wguugf "ko0 y j gp"uqo gy kpi "hgnu

dcf0

P gz.v."y j g"pgy "uekpeg"qh"j cr r kpguu"pggf gf "f cxc0P wo dgtu0Hqt "y j cv"ku"uekpeg kh"pqv"pwo dgtu."r tghgtcdn{ "rti g"qpgu"y kj "mqv"qh"fgelo cn"r qlpvu0Cpf "j qy "f q uekpgvkuu"i gv"y gug"pwo dgtuAVj g{ "o gcuwtg"y kpi u0

Qj . "pq0'O clqt "tqcf dmqen0'J qy "ecp" { "qw"o gcuwtg"j cr r kpguuAJ cr r kpguu"ku" c hggkpi . "c"o qqf . "cp"qwmqmqm"qp"rhkg0J cr r kpguu"ecp0'dg"o gcuwtgf 0

Qt"ecp"kvAP gwtuekpgvkuu"cv"y j g"wpkxgtukv{ "qh"Kqy c"j cxg"kf gpvkhgf "y j g"tgi kqpu qh"y j g"dtckp"cuuqekcvgf "y kj "i qqf "cpf "dcf "o qqf u0'Vj g{ "f q"y j ku"d{ "j qmqkpi "wr tgugetej "uwlgeu"eqmgi g"uwf gpv"lp"pggf "qh's wlemecuj +vq'O TKo cej kpgu"cpf "y j gp uj qy kpi "y j go "c"ugtkgu"qh"r lewtgu0'Y j gp "y j g{ "uj qy "r gqr ng"r ngcucpv"r lewtgu0 / dweqrle"mpf uecr gu. "f qm j kpu"r n{ kpi 0 r ctvu"qh"y j g"r tghqpvcn"mqdg"ctg"cevxkcvgf 0 Y j gp"y j g{ "uj qy "wpr ngcucpv"ko ci gu0 c"dkf "eqxgtgf "kp"qkn"c"fgcf "uqrf kgt"y kj "r ctvu qh"j ku"heg"o kuukpi 0 y j g"o qtg"r tko kxg"r ctvu"qh"y j g"dtckp"rki j v'wr 0J cr r { "hggkpi u. kp"qv j gt"y qtf u."tgi kvgt "kp"y j g"tgi kqpu"qh"y j g"dtckp"y j cv"j cxg"gxqkxgf "o quv'tgegpv{ 0 K"tckugu"cp"kp"vki wkpi "s wgvkqp<'Ctg"y g. "kp"gxqmwkqpct{ "kh"pqv"r gtuqpcn"vgt o u. umqwej kpi "qy ctf"j cr r kpguuA

Tgugctej 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"cevxkx{ . "cpf "uqo gy j kpi "ecmgf "0hceken"eqf kpi 00 eqwpvki "j qy o cp{ "vko gu"y g"uo krg. "hqt "kpuvpeg0'cm"qh"y j gug"vej pls wgu"ctg"r tqo kuukpi . "cpf . kpf ggf . "qpg"fc{ "uekpgvkuu"o c{ "dg"cdrg"vq"0vcng" { qwt "j cr r kpguu0"y j g"y c{ "c"fqevqt vqf c{ "vcngu" { qwt"vgo r gtcwtg0

P qy . "y j qwi j . "y j g"o ckp"y c{ "tgugetej gtu"o gcuwtg"j cr r kpguu"ku"y j tqwi j "c"ht"o qtg mqy /vej "cpf . "y j gp" { "qw"y j kpm"cdqmw"kw."s wkg"qdxkqwu"vej pls wgu0'Vj g{ "cum"r gqr ng j qy "j cr r { "y j g{ "ctg0T gcm{ 00cm"y j kpi u"eqpukf gtgf . "j qy "j cr r { "y qwf " { "qwu" { " { "qwu ctg"y j gug"fc{ uA0'Vj cv"ku"y j g"s wgvkqp."o qtg"qt"rguu."y j cv"uwxg{ qtu"j cxg"cumgf "r gqr ng ctqwpf "y j g"y qtrf "hqt"y j g"r cuv"htv{ "qt"uq" { gctu0

Twww'Xggpj qxgp "cpf "j ku"eqmgci wgu"encko "y j cv"y j g"cpuy gtu"ctg"tgo ctmedn{ ceewtcvg0'q w'ecp"j cxg"c"fgkcug"cpf "pqv"npqy "kv0'Xggpj qxgp"vgmu"o g."0dw" { "qw ecp0'dg"j cr r { "cpf "pqv"npqy "kv0D" { "f ghkpkqp."kh" { "qw"ctg"j cr r { . " { "qw"npqy "kv0

Rgtj cr u."dw"o cp0u"ecr cek{ "hqt"ugr"fggr vkqp"ku"pqv"vq"dg"wpf gtguko cvgf 0Ctg y g"lpf ggf "ecr cdrg"qh"i cwi kpi "qwt"qy p"j cr r kpguuAVj gtg"y cu"y j ku"o qo gpv."hqt kpuvpeg."y j gp"Ky cu"ugxgpvggp" { gctu"qrf "y j cv"Ky qwi j v"Ky cu"xgt { "j cr r { "lpf ggf . eqo r ngvgn{ "eqpvgpv."y j qw"c"ectg"kp"y j g"y qtrf 0'kp"tgtqur gev."kvwtpu"qwu"Ky cu"lwuv gzvtgo gn{ "uqpgf "cv"y j g"vko g0Rnwu."dgg"y cu"lpqxqkxgf 0Kv j kpn0

Cpqv j gt "ur ggf "dwo r "qp"y j g"tqcf "vq"j cr r kpguu<"F khgtgpv"r gqr ng "f ghkpg j cr r kpguu"fhgtgpv{ 0 qwt "kf gc"qh"j cr r kpguu"o c{ "pqv"dg"y j g"uco g"cu"o kpg0'O { hcxqtkg"fgkpkqp"qh"j cr r kpguu"ur tcepi "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"htuv"Co gtkecp"fkvqpct{ . "kp"3: 47."j g"fgkpgf j cr r kpguu"cu"0y j g"ci tggcdrg"ugpucvkpu"y j lej "ur tkpi "htqo "y j g"plq{ o gpv"qh"i qqf 0 Vj cv"uc{ u"kv"cm0'K"j cu"0ci tggcdrg"ugpucvkpu.0"y j g"pqvqp"y j cv"j cr r kpguu"ku"c"hgkpi 0 Vj g"j gf qpkwu"y qwf "i gv"qh"qp"y j cv0'K"j cu"0gplq{ o gpv0"y j lej "ukl plkgu"y j cv j cr r kpguu"ku"o qtg"y j cp"r wtg"cpko cn"r ngcuwtg0'Cpf "gplq{ o gpv"qh"y j cvA"Qh"y j g 0i qqf.0"cy qtf "y j cv."Ky kpm"Y gduvgt"uj qwf "j cxg"ecr kcrk gf 0'Vj g"t qqf 0Y g"y cpv vq "hgn"i qqf "dw"ht "y j g"tki j v"tgcupqu0'Ctkuvrg"y qwf "j cxg"cr r tqxgf "qh"y j cv0 0J cr r kpguu"ku"c"xtwqwu"cevxkx{ "qh"y j g"uqwn0"j g"uckf 0C "xtwqwu"rhkg."kp"qv j gt y qtf u."ku"c"j cr r { "rhkg0

Y g"j wo cpu"ctg"etgcwtgu"qh"y j g"ruv"hxg"o kpwgu0'Kp"qpg"uwf { . "r gqr ng"y j q hqwpf "c"fk o g"qp"y j g"r cxgo gpv"c"hy "o kpwgu"dghtg"dgkpi "s wgtkgf "qp"y j g"j cr r kpguu

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Cni'qh'vj cv'r kpi kpi . "kp"qyj gt"y qtf u."o ki j v'chge'vj g'uwdlgeu"j cr r kpguu0

Cnuq. "o quv'r gqr ng"y cpv'vq"r tgugpv'c"j cr r { "hceg"vq"vj g"y qtrf 0'Vj cv'gZR mkpu"y j {
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j cr r { "ku"ugz{ 0

J cr r kpguu"tgugctej gtu."j qy gxgt. "ctg"s wkm'vq"fghepf "vj gk "y qtn0Hqt"qpg"vj kpi .
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cvkwf gu"qy ctf "kuwgu"rkng"tcekuo . "y j lej "ctg"cuq"uwdlgevXg0Y j { "pqv"j cr r kpguu"cu
y gmA"Qt"cu"O kj a n{ "Eu"fu| gpvo kj cn{k"i kcpv'kp"vj g'hkrf "qh"j cr r kpguu"uwwf kgu. "r ww
kz0Y j gp"e"r gtupq"uc{ u"j g'ku"r tgw{ "j cr r {0'qpg"j cu"pq"tki j v'vq"ki pqtg"j ku"ucvgo gpv.
qt"kpvgtr tg'v'vq"o gcp"vj g"qr r qukg0

Uq "cuuwo kpi "vj cv'vj gug"j cr r kpguu"uwwf kgu"ctg"tgcupcdn{ "ceewtcvg. "y j cv"j cxg
vj g{ "hqwpf A"Y j q"ku"j cr r { ACpf "j qy "f q"Klqk"vj go A"Vj ku"ku"y j gtg"TwWxggpj qxgp
cpf "j ku"fcwdcug"eqo g'kpq"r r{ 0

Xggpj qxgp"ngcf u"o g"vq"c"tqgo "cu"pppf guetkr v'cpf "uqwnguu"cu"vj g"tguv'qh"vj g
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kpeqpi twk{ "urkf g=gxgp"cp"qxgty gk j v'f qevqt"o ki j v'j cxg"uqo g"i qqf "cf xleg"cdqw
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Kr cwug"vq"vcng"kp"vj g"o qo gpv0Qp"vj gug"eqo r wgtu. "tki j v'kp"htqpv'qh"o g. "ku
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Gzvtqxgtu"ctg"j cr r kgt "vj cp"kpvtqxgtu="qr vko kuw"ctg"j cr r kgt "vj cp"r guko kuw=
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y kj qww=y qo gp"cpf "o gp"ctg"gs wcm{ "j cr r { . "vj qwi j "y qo gp"j cxg"c"y kf gt"go qvXpcn
tcpi g="j cxkpi "cp"chck "y km"o cng "{qw"j cr r { "dw"y km"pqv"eqo r gpucvg"ht "vj g
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j cr r kgt "vj cp"vj qug"y kj "vq"rkmg"vq"fq="y gcnj { "r gqr ng"ctg"j cr r kgt "vj cp"r qqt"qpgu.

dw'qpn' 'urki j w0

Uq'y j cv'uj qwf 'y g'f q'y kj 'y gug'hpf kpi uA'I gv'o cttkf "dw'f qpø'j cxcg'nf uA Uctv'i qkpi "vq'ej wtej 'tgi wctn' AF tqr "qw'qh'yj cv'Rj F 'r tqi tco AP qv'uq'hcuv'Uqeken uelgp'kuv'j cxcg'c'j ctf "ko g'wptcxgkpi 'y j cv'yj g' "ecm'öt gxgtug'ecwucrk' ö"cpf 'y j cv yj g'tguv'qh'wu'ecm'yj g'ej kengp/cpf/gi i "r tqdrgo O'Hqt "kpuwpeg. "j gcnj { "r gqr ng'ctg j cr r kgt'yj cp'wpj gcnj { "qpgu=qt 'ku'k'yj cv'j cr r { "r gqr ng'v'gpf "vq'dg'j gcnj kgt'A'O cttkf r gqr ng'ctg'j cr r { =qt'o c{dg'j cr r { "r gqr ng'ctg'o qtg'rkng' "vq'i gv'o cttkf A'Ku'v'qwi j vq'uc{O'Tgxgtug'ecwucrk' "ku'yj g'j qdi qdrk'v'j cv'o cngu'o kuej kgh'kp'o cp{ "c'tgugetej r tqlgev0

Y j cv'K'tgcm' "y cpv'vq'npqy . "y qwi j . "ku'pqv'y j q'ku'j cr r { "dw'y j gtg'yj g' "ctg j cr r { ö cpf 'y j { O'Xggpj qxgp'uki j u'y j gp'K'cum'cdqww'yj ku'cpf 'r qwtu'cpqy gt'ewr "qh vgc'O'J gtg. "y j g'ecrew'v'kpu'i gv'tkenkgt'O'Ec'p'y g'tgcm' "uc{ "y j lej "eqwptkgu. "y j lej r gqr ngu. "ctg'j cr r kgt 'y j cp'qy gt uA'J cu'o { "ugctej "hqt "y j g'y qtrf'au'j cr r kguv'r megu gpf gf "dghqtg'k'dgi kpuA

Cm'ewmwtgu'j cxcg'c'y qtf "hqt"j cr r kpguu. "cpf "uqo g'j cxcg'o cp{ "y qtf uO'Dw'f qgu yj g'Gpi rkuj "y qtf "öj cr r kpguu'o gcp'yj g'uco g'cu'yj g'H'gpej "dqpj gwt'qt'yj g'Ur cpkuj lgrkelf cf'qt'yj g'Ctdle"ucj ccf cA'Kp'qy gt "y qtf u. "f qgu'j cr r kpguu'v'cpur'v'gA'Vj gt gdu uqo g'gxkf gpeg'yj cv'yj g'cpuy gt "ku' { guO'Vj g'Uy kuu'tgr qtv'gs wcn'ngxgnu'qh'j cr r kpguu. y j gyj gt "y j g' "veng'yj g'wtxg{u"kp "H'gpej . "I gto cp. "qt "Kcrkcp. "y j g'eqwpt { au'yj tgg o clp'rcpi wci gu0

Cm'ewmwtgu'xcmg'j cr r kpguu. "dw'pqv'vq' "y j g'uco g'f gi tggO'Gcu'v'Cu'kcp "eqwptkgu v'gpf "vq'go r j cul'g'j cto qp{ "cpf "hw'hkpi "uqekv'cdri cv'kpu'tcvj gt "y j cp'kpf k'kf wcn eqpv'gpo gpv'r gtj cr u'pqv'eqkpekf gpwcm'. "y j gug'eqwptkgu'cnuq "tgr qtv'ny gt "ngxgnu'qh j cr r kpguu. "y j cv'u'dggp'ecmg' "y j g'Gcu'v'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{qpO'Vj gp "y j gtg "ku'yj g' "öuqeken'f gukcdk'k' { dlcu'ö'Vj g'eqpegt'p'j gtg "ku'yj cv'r gqr ng'cpuy gt "y j g'j cr r kpguu'wtxg{u'pqv'ltqo "y j gkt j gctv'dw'kp "y j c{u'yj cv'yj gkt "uqekv' "y qwf "cr r tqxg'qhO'Vj g' "Lcr cp'gug. "hqt "kpuwpeg. ctg'hc' qwun' "ugrh'gh'cekpi . "chtckf "vq'dg'yj g'r tqxgtdkcn'pckn'yj cv'ukenu'qw= 'y j g' "ctg cnuq. "tgr'v'xg'vq'yj gkt'yj gcnj . "pqv'xgt { "j cr r { O'Kdxgf "kp' "Lcr cp' "hqt" { gctu'cpf "pgxgt' "i qv wugf "vq'yj g'uki j v'qh' "Lcr cp'gug'y qo gp'eqxgtkpi "y j gkt "o qwj u'y j gp'yj g' "rcwi j gf "qt uo krgf . "cu'kh'cu'j co gf "qh'yj gkt' "i rgg0

Y g'Co gtlecpu. "qp "y j g'qy gt "j cpf . "y gct "qwt "j cr r kpguu"qp "qwt "ungxgu"cpf . "kh cp{ yj kpi . "ctg' "i wkm' "qh'kph'v'kpi "qwt "eqpv'gpo gpv'kp' qtf gt "vq'ko r tguuO'J gtg'ku'y j cv'c Rqrkuj "ekkt gp'rkxkpi "kp "y j g'Wpkgf "Ucv'gu'v'qrf "y j g'y tkg' "Nwtc "Mqu"Uqn'cdqww Co gtlecpu'öY j gp'Co gtlecpu'uc{ "k'y cu'i tgc'v. "Knpqy "k'y cu'i qqf O'Y j gp'yj g' "uc{ k'y cu'i qqf . "Knpqy "k'y cu'qnc{ O'Y j gp'yj g' "uc{ "k'y cu'qnc{ . "Knpqy "k'y cu'dcf ö

Vj ku'ku'i qkpi "vq'dg'v'qwi j O'Vj g'cv'cu'qh'driku. "kh'qpg'gzkuu. "y qpø'dg'gcu' "vq'tgcf O' Ku'rkng'yj cv'etwo r rnf "o cr "ukv'kpi "kp" { qwt "i nxg'eqo r ctwo gpv'O'Dw'Ky cu'f gvgto kpgf vq'r ny "ej gcf . "eqpxkpegf "y j cv'y j krg'y g'o c{ "pqv'dg'cdng'vq'f khtg'p'v'c'v'g'h'kpg'uj cf gu qh'j cr r kpguu"co qpi "eqwptkgu. "wtxgn' "y j g'ecp"uc{ "y j cv'uqo g'eqwptkgu'ctg'j cr r kgt yj cp'qy gt u0

Xggpj qxgp' "i kgu'o g'eqo r ngv' "ceegui'vq'j ku'f cv'cdug'cpf "y kuj gu'o g' "nem"dw'h'ktuv j g'y ctpu'o g'ö qw'o c{ "pqv'rkng'yj cv' { qw'h'kpf ö

öY j cv'f q' { qw'o gcpAö

Vj g"j cr r kguv'r nregu."j g"gzr r kpu."f qpø'pgeguuctkñ "hk'qwt'r tgeqpegkxgf "pqvqpū0
 Uqo g"qh"vj g"j cr r kguv'eqwptkgu"kp"vj g"y qtrf ô Kgrcpf "cpf "F gpo ctm"hqñ "kpucepegô
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Koo "kpenkpɔf "v"ci tgg"y kj "npi wku'ɔpf "hem y "ewto wfi gqɔp"Cppc"Y kɛt| dɛm.
y j q."y j gp"heɛf "y kj "v ku'xgt { "uco g"enɔko "v cv'o quv'r gqr ng"ctg'tgcuɔpɛdn { "j cr r {
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ōO kf ō

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tgrcvkpuj kr "dgvy ggp"j gf qpkuo "cpf "j cr r kpgu0"J g"qpeg "f gxkugf "c"v j qwi j v
gzege gko gpv"ecmgf "v j g"Gzege gkpeg"O cej kpg0

Ko ci kpg "v j cv"öwr gtf wr gt "pgwtqr u{ej qmki kuwö"j cxg "hk wtgf "qww"c"y c{"vq
uwo wrvg"r gtupau"dtckp"kp"qtf gt"vq"lpf weg"r nguwtdng"gzr gkpegu0Kku"r gthgevn
uchg."pq"ej cpeg"qh"c"o crhwpevkp."cpf "pqv"j cto hwn"vq"{"qwt"j gcmj 0[qw"y qwr
gzr gkpeg"eqpucpv'r nguwg"ht"v j g"tguv"qh"{"qwt"rkng0Y qwr {"qwf q"kuAY qwr {"qwf

r nwi "lpvq"vj g"Gzr gtlgpeg"Ocej kpgA

Ki"pqv."cti wgf "P q| kem"vj gp" { qwæxg"lwuv'r tqxgf "vj cv"vj gtg"ku"o qtg"vq"rhg"vj cp r r gcuwtg0Y g"y cpv"vq"cej kxg"qwt"j cr r kpguu"cpf "pqv'lwuv'gzr gtlgpeg"koRgtj cr u'y g gxgp "y cpv"vq"gzr gtlgpeg"wpj cr r kpguu. "qt "cv"rgcuv"rgcxg"qr gp "vj g"r quukdkkx" "qh wpj cr r kpguu."kp"qtf gt"vq"twn" "cr r tgekcvg"j cr r kpguu0

Tgi tgwcdn. "Klhp"o { ugh"lp"ci tggg gpv'y kj "P q| ken0Ky qwf "pqv'r nwi "o { ugh lpvq"vj g"Gzr gtlgpeg"Ocej kpg. "cpf "vj gtghgtg"Ky km'pqv'dg"tgmeckpi "vq"vj g"Crr j c Dmpf kg"Eqlhgg"Uj qr 0Y j kej "ku"cu"uj co g0F kf "Ko gpvqp"j qy "uo qqj "vj g"O qtqecp j cuj "kuA

Vj g"pgzv'o qtpkpi. "o { "o kpf "O qtqecp/htgg. "Ko cmg"o { "fckl "vkr "vq"vj g"Y F J 0K o gpvqp"o { "rkwg"gzr gtlg gpv'vq"Xggpj qxgp0J g"cr r tqxgu."qh'eqwtug0Kp'hcev."y j gp"K j cf "ktuv'r qlpvf "qvw'vj cv'o cp { "qh"vj g"cevkxkkgu"vj cv'vj g"F wej "gpi ci g"lp'tgi wctrf. uvej "cu'r tqukwkp"cpf "ftwi u."y qwf "i gv'o g"cttgugf "lp"vj g"Wpkgf "Ucvgu."j g"lwuv uo krgf "un"n" "cpf "uckf. "õKnpqy 0Gplq { 0

Xggpj qxgp "uc { u"vj g"f cwcug"o ki j v"r tqxkf g"uqo g"cpuy gtu"vq"vj g"ci g/qrf swgukqp<"Ku"r r gcuwtg"vj g"uco g"cu"j cr r kpguuA"Chgt "c"hy "f ki ken"fgvwtu."Klhp" "c r cr gt"vj cv"Xggpj qxgp"j ko ugh'y tqv0Ku"ecmgf "õJ gf qpkuo "cpf "J cr r kpguu0"Ktgcf vj g"cdutcev0

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J qy "cdqw"vj cv."Kj kpm'uy kxgnpi "cy c { "htqo "vj g"eqo r wgt"o qpkqt0Ncu'pki j v. cv'vj g"Crr j c"Dmpf kg"Eqlhgg"Uj qr. "qp"vj g"xgt { "ktuv'rgi "qh"o { "lqwtpg { . "Ky cu gpi ci gf "lp"ewwki /gf i g"j cr r kpguu'tgugetej 0Y j q"npgy A

Ku"o { "rcuv'fc { "lp"Twgtf co 0C'hqi gwcdng"ek { "dw'qpg"vj cv"Ky kn'o ku'pqpgvj grgu0 Ku"vko g"vq"uc { "i qqf d { g"vq"Xggpj qxgp."cpf "Kco "pgxgt"i qqf "cv'i qqf d { gu0Kvj cpm j ko "hqt"cm'qh"j ku"j gr. "hqt"cm'qh"j ku'drkulhwi'fcv0Vj gp."cm quv'cu"cp"chgtvj qwi j v."K r cwug"cv'vj g"f qqt"cpf "uc { . "õK'o wuv'dg'y qpf gthwi'y qtnkpi "lp"vj g"hgfr "qh"j cr r kpguu uwf lgu0

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

õY gm" { qw'o wuv"j cxg"cp"cdkf kpi "hckj "lp"o cpnkpf au'ecr cek { "hqt"j cr r kpguu0

õP q."pqv'tgcm { 0

õDw" { qwæxg"dggp"uwf { kpi "j cr r kpguu."cpcn { | kpi "kv" { qwt"gpvktg"rhg0

õ gu."dw'kv'f qgupø'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 lgt "vj cp"qj gtu0Kecp"unkmetwpej "vj g"pwo dgtu0

Klww'ucpf 'y gtg'ht'c'o qo gpv'uwppgf 0J gtg'Ky qwi j vXggpj qxgp'y cu'c'hgmqy
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Uqwj . 'j g'j cu'pq'f qi 'lp'y ku'j wpv0Qt. 'kh' { qw'r tghgt. 'Xggpj qxgp'kupø'c'r r { gt'lp'y g
j cr r kpguu'i co g="j gðu'y g"tghgtgg. "nggr kpi "ueqtg0'Cpf. "rkng"cp { "i qqf "tghgtgg. 'kv
o cwgtu'pqv'qpg'y j k'v'j ko 'y j q'y kpu'y g'i co g0J cr r kpguu'qt'f gur qpf gpe { . 'kðu'cm
y g'uco g0Cu'mpi 'cu'qpg'ukf g'r tgcxknu0

Vj cv'ku. 'Klwr r qug. 'y g'y j qng'r qkp'qh'y ku'pgy . 'f kur cuukqpcv'uwf { 'qh'j cr r kpguu0
Xggpj qxgp'cpf 'y g'qy gt 'drkuuqmi kuw'f gur gtcvgn' 'y cpvgf "cecf go lc"vq'vcmg'y gkt
f kuekr dpg "ugtqwur' . "nguv'y g { "dg" f kuo kuugf "cu" P gy "Ci g "hcf f kuw0"Vj g { "j cxg
uweegf gf. "dw'Ky qpf gt'cv'y j cv'equ0'Kp'y gkt 'y qtrf. "j cr r kpguu'ku'tgf wegf "vq" { gv
cpqy gt "uvc'kue. "f cv "vq"dg"urkegf. "f legf. "r ctugf. "twp"y tqwi j "y g"eqo r wgt. "cpf.
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j cr r { 'y cp'c'ur tgc f uj ggw0

K'tgcn' g'y cv'o { "xkuk"vq'y g"Y F J "y cu"c"hpqg"uctv'dw'cp "lpeqo r rvg"qpg0
P qy j gtg"co qpi "y g"gi j v'y qwucpf "uwf kgu"cpf "tugctej "r cr gtu" f kf "K'hpf "cp {
o gpv'kp'qh'y g"j cr r kpguu"c"pcv'kp'f gtxgu'htqo "ku'ctu. "y g"r rncuwtg"ceetwgf "d {
j gctkpi "c"r ctv'ewrctn' "nqxn' "r qgo "tgcf "cmwf "cpf "y gm"qt"d { "y cvej kpi "c" f ctpgf
i qqf "o qxkg. "ceeqo r cplgf "d { "c"wd'qh'r qr eqtp. "pq'dwwgt0'P qt'f qgu'y g" f cwcug
tgxgc'cp { y kpi "cdqw'y g" kpxkudrg'y tgc f u"y cv'dkpf "c" hco kf 0'Uqo g'y kpi u'ctg
dg { qpf "o gcwtkpi 0

Uq'Kecpwtwe'v'o { "cvru'qh'drku. "o { "tqcf "o cr "qh'j cr r kpguu."dcugf 'r ctv' { "qp"Twvw
Xggpj qxgpø'f cwcug"cpf "r ctv' { "qp"o { "qy p"j wpej gu0'Tkej "qt"r qqt. "j qv'qt"eqrf.
f go qetce { "qt" f lew'qtuj kr. 'k'o cwgtu'pqv0Ky kn'hqmny 'y g'j cr r kpguu'uegpv'y j gtgxt
k'igcf u0

Y kj "o { "cvru'lp"j cpf. "K'dqctf "y g"vclp'cv"Twgtf co "Egptcr0'Cu'y g"vclp
dgi kpu'vq'tqm'cpf "y g" F wej "eqwpt { ukf g'i rkf gu"d { . "K'hgn'cp"wpgzr gev'f "ugpug"qh
tgrlgh0'Hggf qo "gxgp0'Hggf qo "htqo "y j cvA'Kecpø'ko ci kpg0'O { "xkuk'y cu'hpqg0'K
f tcpm'uqo g"i qqf "dgg. "uo qngf "uqo g"hpq"j cuj . "cpf "gxgp"igctpgf "c"y kpi "qt"vy q
cdqw'j cr r kpguu0

Vj gp'k'f cy pu'qp"o g0'Hggf qo "htqo "cm'y cv'000htggf qo 0Vqrgtcpeg'ku'i tgc v.'dw
vqrgtcpeg'ecp'gcu' { "urkf g'lpv'lpf lhtgpeg. "cpf "y cvu'pq'hw'cv'cn0'Dgukf gu. 'Kecpø
rkxg'y kj "uq"o wej "urcn0'Ko "vq"y gcn0'Ky qwf pø'hpqy "y j gp"vq'vqr 0'K'Ko qxgf "vq
J qncpf. " { qwø' "r tqdcn' { "hpf "o g" c" hgy "o qp'y u"rcvt. "gpi whgf "lp" c" eqwf "qh
O qtqecp"j cuj . "c"j qqngt'wpt gt'gej "cto 0

P q. "y g" F wej "y c { "ku'pqv'ht"o g0'Rgtj cr u"o { "pgzv'f gukpcv'kp'ku'y g"qpg0'Ko
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vqrgtcpeg. "rkng"gxgt { y kpi "gnug. "ku'f qngf "qwe'ctghwn'. "lp"o qf gtcv'kp0'Kco "j gcf kpi "vq
Uy k' gtrcpf 0