$\frac{\text{knfhbf/L s; //df ; hfo lgwf/Of tyf sfof(j og ug{; DaGwdf Joj :yf ug{ag$f]P}g}}{\text{ug}}$

k\$f0fls/0f IdIt M@)&\$.^.#)

; j+t \@) &\$; fnsf]Pg g=#*

gkfnsf]; Hwfgsf]wf/f @(^ sf]pkwf/f -!_ adflhdsf]Joj:yflksf; Hbn] of]PH agfPsf]5 .

kl/R5**b**-! kf/10es

!= $\frac{\mathbf{f} \cdot \mathbf{k} \cdot \mathbf{k} \cdot \mathbf{k}}{\mathbf{k} \cdot \mathbf{k} \cdot \mathbf{k} \cdot \mathbf{k} \cdot \mathbf{k}} = \frac{\mathbf{k} \cdot \mathbf{k} \cdot \mathbf{k} \cdot \mathbf{k}}{\mathbf{k} \cdot \mathbf{k} \cdot \mathbf$

-@_ o; Pgsf bknf !& sf]v08 -3_, -a_, -r_ / -5_ bknf @@, @%, @^, @&, @*, @(, #), #! / \$(gkfn ;/sf/n] gkfn /fhkqdf ; rgf k\$fzg u/L tf\$\$f] ldltblv / cGo bknfx? ; j+t\ @)&% ; fn ebf}! utblv kf/De xg\$g\

- -v_ æs; /bf//{ eGgfn] cbfntaf6 sg}s; /df bfj/fl 7x/ePsf]JolQm; Demg' k5{.
- -u_ æsfgÿÆeGgfn]tTsfn k广Int sfgÿ; Demg'k5{.
- -3_ atf||sPsf|| jf atf||sP adf||hd|| elgfn| o; Pg adf||hd ag\$f||lgoddf tf||sPsf|jf tf||sP adf||hd ; Deng'k5{.
- -a_ akfj\zg clws\text{A eGgfn}bkmf \$(adf\text{n} d lgoQm jf tf\text{sPsf}kf\text{2} zg clws\text{t} ; Demg'k5{.
- -r_ ækf]‡g tyf Kof/fjh af\$/{ eGgfn]bknf #* adf]hdsf] kf]‡g tyf Kof/fjh af\${; Deng'k5{.
- -5_ allof/fijh clwstale eGgfn]bkmf \$(adfijhd lgoQm jf tfijsPsf]Kof/fijh clwstale ; Demg'k5{.
- -h_ æknflybf/L sfoljiw; lxtf/E eGgfn] dhsl knflybf/L sfoljiw-; lxtf_Pgj,@)&\$; Deng'k5{.
- -em_ a; ldlt/= eGgfn] bkmf \$^ adf[hdsf]; hfo ; emfj; ldlt; Demg'k5{.
- #= $Pgsik\phifi$ M-!_sg\s; /sf ; DaGwdf cbfntaf6 ; hfo lgwf{0f ug{tyf To; sf]sfof(j og ug{; DaGwdf of]Pg nfu"xg\} .
 - -@_ of]Pg bxfosf cj:yfdf nfu"xg]5g ₩
 - -s_ cbfntsf]cjxjhgf;DaGwLs;'/sf;DaGwdf ; hfo ubf{
 - -v_ Joj:yflksf-; +bn]rnfPsf]ljzfflwsf/ xgg\
 ; DaGwl sf/afxlsf ; DaGwdf ; hfo ubf{
 - -u_ of]P\hat{g} nfu"x\hat{g}]5\hat{g} egL s\hat{g}\sfg\hat{g}df Joj:yf
 ePsf[ci:yfdf.

kl/R5**b**-@

; hfo ; DaGwL ; fdfGo I; 4fGtx?

- \$= ck/fw; lxtf / kml/hbf/L sfoljiw; lxtfsf]Joj:yf nfu"xb]M-!_ck/fw; lxtf / kml/hbf/L sfoljiw; lxtfsf]cwlgdf /xl o; Pgsf] sfol(j og ug{kg...}
 - -@_ ck/fw ; lxtf / kmfhbf/L sfolj lw ; lxtfdf kl/eflift zAbx? o; Pgdf pNnJv ePsfdf To:tf zAbx?sf]cy{; fxL ; lxtfdf kl/eflift ul/P adflhd g}xg.
 - -#_ ck/fw ; lxtfdf pNn\/ ePsf I; 4fGtx? o; P\/gsf]
 sfoff(j ogdf klg nfu"x\/g\/s\/\
- %= 36l; hfo x\$JMs\$\s; %sf; DaGwdfs; %ubf\\$f avteGbf; hfo lgwf\{0f ubf\\$f avt sfg\\$g adf\]hd 36l; hfo x\\$J\x\\$ eg]36l; hfo x\\$J\ull lgwf\{0f ug\{kg\}}.
- ^= **c6o sfgg adf[hdsf]; hfo lgwf{0f ug{kg]M** sg} sfggn] sg} s; //sf; Da6wdf lglZrt cjlwsf]sb jf lglZrt /sdsf]hl/afgf jf; hfo tf\$\$f]/x\$ eg]To:tf]s; //sf]s; //bf/nf0{; f}L adf[hdsf] sb, hl/afgf jf; hfo ug{kg}.
- &= o; Pg adfind; hfo ug{kg{Mbkmf ^ df n[vPsf]cj:yfdf afx}s
 sg}s; //sf; DaGwdf; hfo lgwf{0f ubf{o; Pg adfind ug{kg{5}.
- *= **s; /bf/ 7x/ ePkl5 ; hfo lgwf{Of ug{kg]M**-!_ sg}JolQm sg} s; /sf ; DaGwdf cbfntaf6 sfgg adf**]**hd s; /bf/ 7x/ e0; s**k**l5 dfq cbfntn]To:tf]JolQmnfO{To:tf]s; //sf]; DaGwdf ; hfo lgwf**{**Of ug{kg**\barget**}.
 - -@_ pkbknf -!_ adf][hd ; hfo lgwf.{0f ubf{s; //bf/ 7xl/Psf] tl; lbgleq lgwf.{0f ul/; Sg'kg]5 .
- (= 5}; 6}; 6} 6}; 6}; 6} 6}; 6
 - t/ tlg j if{ Dd s} j f tl; xhf/ ?k}fFDDf hl/afgf xb] s; //sf]s; //bf/nf0{; hfo lgwf{0f ubf{5}}; bj f0{ug{kg[5}}.

- -@_ pkbknf -!_ adf]hd ; gj f0{ ubf{ s; % 7x/ ug} Gofofwlzsf] d[o' ePsf] cj sf; ePsf] jf lghnf0{ s8f /f] nful sfo{ Dkfbg ug{g; Sg]ePsf}df afx} cGo hg; s}cj :yfdf lghn]g}; gj f0{u/l ; hfo lgwf{0f ug{kg}} .
- !)= $vNnf Ohnf; df ; df (u/L); hfo lgwf{0f ug{kg}M -!_ sfgd adf]hd a6b Ohnf; df (df (uf{xd}afx)) foligwf{0f ubf{vNnf Ohnf}; df lgwf{0f ug{kg}}.$
 - -@_ pkbkmf -!_ adf hd ; hfo lgwf of ubf {; DalGwt s; "bf/
 jf lghsf]sfg Joj; fol ; d]sf]pkl:yltdf ug {kg }.
 - -#_ pkbkmf -@_ df hg; \$}s/f n]\Psf]eP tfklg; /Iff jf; fj hlgs | xtsf] sf/0fn] s; /bf/nf0{ cbfntdf pkl:yt u/fpg g; | lsg]ePdf, s; /bf/n]cbfntdf pkl:yt xg 06sf/ u/df, s; /bf/km/f/ /x\f]cj:yfdf jf s; /bf/sf]sfg\fg Joj; fol pkl:yt gePdf klg o; P\fg adf]\nd; hfo | gwf\forage(0f ug\fambra{afwf kg\fs}).
 - -\$_ pkbkmf -#_ adfind cbfnt ; dlf pkl:yt u/fpg g; lsg] s; /bf/nf0{ >Jo bio ; Dj fb -lel8of] sGkm/i; _ dfkmft pkl:yt u/fpg ; lsg]5 / To; /L pkl:yt u/f0Psfdf o; bkmfsf] k\psifngsf]nflu lgh cbfnt ; dlf pkl:yt ePsf]dflgg]5 .
- !!= Psebf a9L; hfo sfoffj og ug{gxb]M-!_Ps}jf/bftdf Psebf a9Ls; "ug{s; "bf/nf0{; hfo lgwf{0f ubf{k}os} s; "cnu cnu ePsf]dfgLTo; afkt 5\f\$f5\f\$}; hfo lgwf{0f ug{kg}.
 - t/ Ps}; dodf PseCbf a9L s; "u/\sfdf ; hfo sfof(j og ug{kbf{hg s; "df ; a}eCbf a9L ; hfo xC5 ; f\skl s; "sf]; hfo sfof(j og ug{k5{.
 - -@_ b0{jf To; e6bf a9l sfdaf6 sb}s; // xb]/xb / To:tf sfddWb]sb}Ps sfd cfkmbf 5\\$\s; // xb]/xb eg]; a\cdot\6bf a9l ; hfo xb]s; //df dfq ; hfo xbb.

- -#_ s\u00e4}Ps sfd afkt ljle\u00e4g P\u00e4g c\u00e4tu\u00e4 5\u00e4f5\u00e4}s; // x\u00e4] /x\$ eq]hb Pb cGtuf a9L; hfo xG5; fkL Pb adflhdsf]; hfo sfoffiog xq5.
- t/ ; hfo lgwf{0f ubf{k $\[]$ o}s; // afkt 5 $\[]$ f 5 $\[]$ f; hfo tf $\[]$ g' kg₽ .
- :ki6Ls/0f M o; bkmfsf]k\psf \nflu s\psi / \nflafgfnf0\{5\frac{5}{5}\} ; hfo ePsfldflag\$ / 5\f 5\f\sfof{i og ug{kg\$.
- ; hfo kj \$f]k|tj|bg tof/ ug{cfb} lbg'kg[M-!_tlg'jif@Gbf a9l <u>@</u>_ sb if tl; xhf/ ?kbfEGbf a9l hl/afgf xb; Sg]s; /sf; DaGWfdf ; hfo lgwf{0f ugtcl3 cbfntn]cfjZos 7fgtlf s; /bf/sf]; DaGwdf ; hfo kj &f] klitj bg tof/ ug{ kf] ½g clwst jf Kof/fin clwstnf0{cfbt lbg; Sgt.
 - -@_pkbkmf -!_adfind cfbz kfkt ePkl5 kfizg clwst jf Kof/fin clwstn]s; /bf/sf; DaGwdf bl/fosf s/fx? pNn1/ u/L k∥tj խg tof/ ug{kg ₺ ₩
 - -s s; /bf/sf] JolQmut, ; fdflhs / ; f. sfts k[7eld,
 - s; / ubf&f]kl/l:ylt,

 - -v_s; / ubtstjki/i.yi., -u_s; / ug{cl3sf]s; /bf/sf]rfnrng, -3_s; /bf/sf]pd], -a_kf] \gammag clwst jf Kof/fith clwstn]cfjZos 7fg\st cGo s/fx?.
 - -#_ pkbkmf -@_ adfijhdsf] k||tjjjbg tof/ ePkl5_kmjj‡g clwst if kof/fin clwstn]To:tf]k|tjbg cbfnt; dlf kt ug{ kg₫.
 - -\$_ pkbkmf -#_ adfindsf]kitjbg kfkt ePkl5 cbfntn] To:tf] k||tj||bg ; DalGwt ; /sf/L jlsn, s; /bf/ / lghsf] sfgg

- Joj; folnf0{tyf s; "bf/ afnaflnsf eP lghsf]; Alfsnf0{pknAw u/fpg'kg...}
- -%_ pkbknf -\$_ adf]hdsf] k||tj||g kf||kt u/||k|5 To:tf]; /sf/L jlsn, s; /bf/, ; /#fs jf sfgg Joj; foLn]To; ; DaGwdf cfkn||gf||fo cbfnt; dlf k||z ug{; sg}.
- -&_ pkbkmf -^_ adfindsf]cfb½ kfkt ePkl5 To:tf]sfgbj Joj;foln]To:tf]k|tjþg tof/ u/l cbfnt;dlf k½ ug{kg√s .
- !#= ; hfosf] p2]o |jrf/ ug{kg] M cbfntn] b}fosf sg} jf ; a} p2]onf0{|jrf/ u/L ; hfo |gwf{0f ug{kg}} M}
 - -s_ s; / ug{s; /bf/jf cGo JolQmnfO{xtf]; flxt ug{
 - -v_ ; dfh j f ; dbfonf0{; //lff ug]
 - -u_ kll8tnf0{lfltklt{; lxt Gofo k\psifg ug}{
 - -3_ s; 7bf/nf0{; dfhdf kg:yfkgf ug{; xoflu ug{jf; wf/ ug{}
 - -a_s; /bf/nf0{; dfhaf6 cnu /fVg]
 - -r_ s; "bf/nf0{ cfkmgf] sfol(||t kZrftfk afg| u/f0{ kll8t JolQm jf ; dbfonf0{ xflg gf\$; fgl ePsf] 5 eGg]s"/fsf]cgel"t u/fpg]
 - -5_ sfggåf/f lgiflwt cfr/0fsf]lg6bf ug1.
- - -s_ s; /sf] uDel/tf / s; /bf/sf] bf]fsf] dfqf cg; f/; hfo; dfgkflts eGbf a9l xg gxg]

- -v_ ; hfosf] p21/o kfkt ug{ cfj Zos xb] e6bf rsf]
 ; hfo xb gxb]
- -u_ p:t}kl/l:yltdf 36\f[s; "sf]csf[s; "bf/nf0{klxn]
 lb0Psf]; hfo; u cldNbf]jf c; dfg; hfo xg gxg]
- -3_ PseCbf a9Ls; /sf]nflu; hfo ubf{jf sg}s; /df; hfo eflu/xsf]s; /bf/nfO{csf]s; / afkt; hfo ubf{; du|; hfo plrt/; dfgkflts eCbf a9Lxg gxg]
- a_ s; /sf] cgkftdf c6o ; hfo g} kof(t xb] b]\/Pdf sb; hfo gug{.
- - -s_ s; Xsf]uDel/tf / s; /bf/sf]bf]fsf]dfqf,
 - -v_ s; / ubf\[f]kl/l:ylt,
 - -u_ s; //sf]uDel/tf a9fpg]jf 36fpg]cj:yfx?,
 - -3_ s; /bf/sf]cfr/0f / ljutsf]spfsnfk,
 - -a bkmf !# df pl\nlvt ; hfosf]p2 $\cline{1}$ 0 .
 - -@_ pkbknf -!_ adf]hd ; hfo lgwf{0f ubf{b}xfo adf]hd xb] u/L ; hfo lgwf{0f ug{kg} \mathbb{H}
 - -s_ h360 jf uDel/ k\$**[**tsf s; // ug**]** s; //bf/nf0{s**b** ; hfo,
 - -v_ afnaflnsfnf0{ ; hfo ubf{ lghsf] ; \(\text{wf/} \) /
 k\(\text{tyfkqf}, \)
 - -u_ k6s] s; /bf/nf0{ kl5Nnf] s; // afkt xb] ; hfosf]bf]a/ yk ; hfo,

- -3_ ; dfh jf ; dbfonf0{ vt/f xq] s; /bf/nf0{ sb: hfo.
 - sq}; /sf/L sfofho if ; fj hlgs if ; El7t ; #yfsf]kb jf cf**k**bfdf axfn /xl To:tf]kb if cflxflbfsf] b?koflu u/L s; / _uql s; /bf/nf0{ To:tf] s; /df xq]; hfosf] 89[: hfo .
- - -s_ lghsf]; jfQd lxt,
 - -v_ s; //sf]uDel/tf / bfifsf]dfqf,
 - -u_ lghsf]JolQmut kl/l:ylt, :ki6Ls/0f M o; v08sf] k\psi nflu æJolOmut kl/l:ylt/E eGgfn] afňaflnsfsf] pd], IzIff, kfl/jfl/s I:ylt, ;fdflhs cj:yf, s; /sf] lsl; d, s; /af6 kllg uPsf] xflg gf\; fgl / s; / ug\f] p2\fo; d\fsf s/f; Demg'k5{.
 - kll8tnf0{lbg k|tfj ul/Psf]lfltklt{

 - -a_ ck/fwk||tsf]kZrftfk, -r_ c; n / pkof||JL hLj g lhpg]rfxgf .
 - -@_ ; f]x|j if{ pd]/ k"/f gePsf afnaflnsfnf0{ ; hfo ubf{ h360 s; 7, uDel/s; 7 jf k6s]?kdf s; 7 u/\sfdf afx\s s\sf] ; hfo ug{xbb .
- ; hio lqwi{0f ubi{vhipq'kq{s/fx? Mo; Pq adf|hd; hio ! &= lgwf/Of ubf{ki); nf jf cfb2df b3fosf s/fx? vhfpg'kg\$ #

- -s_ ; hfo ug{kg{sf/0f,
- -v_ hl/afgfsf]; hfo lgwf{0f ubf{ s; /bf/n] aemfpg' kg[hl/afgfsf] /sd, hl/afgf aemfpg' kg[ldlt, ls:tfa6bldf aemfpg kfpg] eP To:tf]s/f / hl/afgf glt/]afkt xg; Sg] sb; hfo,
- -u_ sb ; hfo lgwf{0f ubf{sbsf]cjlw, ygfdf
 /xsf]ldlt, sb eQmfg xg]ldlt,
- -3_ ; fdbflos ; jf ug{ cfb½ ePsfdf ; jfsf] lsl; d, cjlw, ; do / ; jf gu/] afkt xg ; Sg]; hfo,
- -a_ ; wf/ uk jf kg:yfkgf slbdf sb ; hfo eOmfg uglu/l ; hfo lgwf{Of ubf{To:tf]uk jf slbdf a:g'kglcjlw, kfngf ug{kglzt{ / To:tf] zt{pNnasg u/] afkt xb ; Sg] ; hfo,

xġ]

- -h____lfltklt{ltg{kg]eP_lfltklt\$f]/sd, ltg{kg] cjlw, tl/sf / glt/df xg ; Sg]; hfo,
- em_bkmf @\$ sf] pkbkmf -%_ adf¶hd afnaflnsfsf]xsdf zt{tf\$l; hfo lgnDag ePsfølf To:tf] zt{pNnª\$g u/] afkt xg ; Sq]; hfo,
- -`_ cbfntn]pkoQm7fg\$f]cGo cfjZos s/f.

kl/R5\b-#

hl/afgf ; DaGwl Joj : yf

!*= hl/afgfsf]; hfo lgwf.(0f ug.{cfwf/ M-!_ sg}s; "df hl/afgfsf]; hfo lgwf.(0f ubf{o; Pgdf plNnlvt cGo s"fsf cltl/Qm To:tf]

- s; // hl/afgfsf] clwstd / Gogtd xb lj rf/ u/l lgwf{0f ug{ kg} .
- -@_ pkbknf -!_ adf]hd hl/afgf lgwf{0f ubf{b}_fosf s/fx? ; d_nf0{lj rf/ ug{kg} \mathbb{H}
 - -s_ s; /bf/sf]cfly{s xl}; ot / cfo cfh{g} lfdtf,
 - $-v_s$; $\frac{h}{h} = u/\frac{1}{s}$; $\frac{h}{s}$;
 - -u_ s; $\frac{h}{n}u/\frac{s}{s}$; $\frac{h}{s}$; \frac{h}
 - -3_ hl/afgfaf6 s; /bf/n] kfng kf]f0f ug{ kg} kl/j f/nf0{kg}c; /,
 - -a kll8tnf0{ltg{kg{Ifltklt{/sd,}}
 - -r_ hl/afgf glt/\\$f]sf/0faf6 ; /sf/nf0{kg{; Sg] bfloTj,
 - -5_ s; /bf/; Ël7t; :yf ePdf To:tf]; :yfsf] cfly{s x}; ot / sf/f}f/,
 - -h_ kll8t /fxt sfjfdf /sd hDdf u/fpg'kg[eP To:tf]/sd .

:ki6ls/0f Mo; v08sf]k\pf\ngsf]nflu \(\alpha\kll8t\) /fxt sf\right eGgfn]bkm \(\s^*\) adf\righthdsf]kll8t /fxt sf\right\frac{1}{3}f\righthgrad \(\seta\left\frac{1}{3}f\righthgrad \(\seta\left\frac{1}{3}f\righthg

- -#_ pkbknf -!_ adf¶hd hl/afgf lgwf{0f ubf{ljuf]∨h}sf¶lf ljuf\$f]cfwf/df hl/afgf lgwf{0f ug{k5{.
- !(= Ifitkitfif0{c;/ gkg[u/L hl/afgf lgwf{0f ug{kg[] bkmf !* adfi[hd hl/afgf ubf{s; "bf/n]s; "af6 kli8t JolQmnf0{Ifitkit{; dt ltg{kg[u/L hl/afgf ul/g]eP lghn] To:tf] Ifitkit{ltg{g; Sg]u/L hl/afgf ug{xFg}.

- @)= hl/afgf tIsfn aerfpg'kgf[-!_ o; kl/R5] adf[]hd ePsf]hl/afgf s; //bf/n]tIsfn aerfpg'kgf[.
 - -@_ pkbkmf -!_ df hg; s}s/f nllvPsf]eP tfklg To:tf]
 s; /bf/n] To:tf] hl/afgf tTsfn aemfpg g; sl To; afkt sg}
 ; DklQ hdfgt lbPdf cbfntn]Ps jif{leq To:tf]/sd rQmf xg]
 u/l a9ldf tlg ls:tfdf hl/afgf aemfpg]u/l cfb½ lbg; Sgb.
- @!= kioss; /bf/n]hl/afgf Joxfg {kg [u/L hl/afgf lgwf{0f ug {kg [M] sg}s; /df PseCbf a9Ls; /bf/nf0{hl/afgf lgwf{0f ubf{kioss}s; /bf/n]s; /sf] dfqf cg; f/ hl/afgf ltg { kg [u/L lgwf{0f ug { kg [sg] u/L lgwf{0f ug { kg [s

kI/R5\$-\$

; fdbflos ;]f ; DaGwL Joj : yf

- ;fdbflos ;]f ug{cfb½ lbg ; Sg]M-!_ 5 dlxgf; Dd sb ; hfo
 lgwf{Of ePsf]s; /bf/nfO{lghn]u/\$f]s; /, lghsf]pd], cfr/Of,
 s; / ubf\$f] kl/l:ylt, s; // ubf{ckgfPsf] tl/sf ; d¹nfO{lj rf/
 ubf{lghnfO{sbdf /fVg pkoQmgb]\Pdf jf To:tf]s; /df cbfntn]
 pkoQm 7x¥ofPsf]cj lw sbdf a; kl5 af&l cj lwsf]nflu cbfntn]
 lghnfO{; fdbflos ;]f ug{cfb½ lbg ; Sg\$.
 - -@_ s; /bf/n]; fdbflos ;]f ug{d~h/ u/df dfq cbfntn]
 ; fdbflos ;]fsf]cfb½ lbg.
 - -#_ o; bkmfsf] k ϕ f[hgsf] nflu b]xfo adf[hdsf] sfo(nf0{ ; fdbflos ;]f dflgg[5] M
 - -s_ lgNzNs ?kdf ; fj hlgs sfd ug]
 - -v_ lgNzNs ?kdf c:ktfn, j {\fif>d, cgfyfnodf ;]f ug{
 - -u_ lgNzNs ?kdf jftfj/0f ; Alf0f ; DaGwL sfd ug{

- -3_ lgNzNs ?kdf ;fjfhlgs jf ;fdbflos ljBfnodf cNbfkg jf ;jf ug{
- -a_ lgNzNs ?kdf vjnsb k|zlf0f ug] u/fpg]
- -r_ lgNzNs ?kdf stg} k/fksf/L ; 3; :hyfx?df std ug{
- -5_ cbfntn] tf]slbPsf] pkrf/flds jf; wf/flds; 3; :+yfdf pkl:yt xg]/ lo:tf]; :+yfn]nufP adf]hdsf]sfd ug].
- -\$_ pkbkmf -!_ adfind ; fdbflos ; jfsf] cfb½ lbffs; "bf/nf0{hlt cjlwsf]sb; hfo ePsf]xf]jfs; "bf/n]hltcjlwsb eOmfg ug{af&l 5 Tolt g}cjlwe/ lghn]pkbkmf-#_adfindsf]sb}sfd ug{u/l cfb½ lbg'kg\$.
- -%_ pkbkm -\$_ adf]\[\text{ndsf}cj \] \text{W | lgwf.\(\) of ubf\(\frac{1}{3}; \) \(\) bf\(\frac{1}{3}; \) \(\) df \[\] tf\[\] slbg \] kg\[\] .
- -^_ cbfntn]pkbknf -!_ adflhd s; /bf/nf0{; fdbflos ;]f ug[cfb]z lbbf lghn]kfngf ug{kg[zt $\{$? ; d] tflslbg'kg $\}$.
- -&_ s; 'bf/n]pkbkmf -^_ adf $[hdsf]zt{kfngf u/l pkbkmf}$ -#_ adf[hdsf]; fdbflos; $fu/df lghnf0{ePsf]s}$; $fu/df lghnf0{ePsf]s}$; $fu/df lghnf0{ePsf]s}$.
- -*_s; "bf/n]; fdbflos;]f ubf{kf] ½g tyf Kof/fh af\$fh]
 tf[slbPsf] kf] ½g clwst jf Kof/fh clwstsf]; k/lj]f0fdf /xl
 ;]f ug{kg\$.
- -(_sg}s; /bf/n]o; bkmf adfillnd ePsf]cfb½ adfillndsf]; fdbflos; jf gu/df jf pkbkmf -^_ adfillndsf zt{kfngf gu/df jf; fdbflos; jf ug[u/l cfb½ ePkl5 lghn]cl3 sg}s; // u/sf]s/f hfgsf/l xg cfPdf jf; f] cjlwdf cGo sg}s; // u/df cbfntn]pkbkmf -!_ adfillndsf]cfb½ /2 ug\$j.

-!)_ pkbkmf -(_ adfind cfb1/2 /2 ePkl5 To:tf]s; //bf/n] Ighnf0{ ePsf] sb jf Ighsf] eQmfg ug{ kg[afEL sb ; hfo sf/fuf/df /xl eQmfq ug{kg5.

kl/R5**b**- % sb; DaGwl Joj:yf

- He West clo; hho kofilet geP sl); hho ug{kgIMo; Polydf cloyf @# Joj:yf ePsfdf afxs sg}s; /bf/nf0{ hfo ubf{ hl/afgf / ; fdbflos ;] f kof(t gxg]ePdf s(sf); hfo ug{kq5.
- **@\$=** sb; hfo lgnDag ug{; lsg] M-! Ps j if (60bf sd sb) lgwf(0f ePsf]s; "bf/n]klxnf]k6s s; "\u/\sf]/x\\$ / lghn]u/\sf]s; ", lghsf] pd/l, cfr/0f, s; // ubf\{f] kl/l:ylt, s; // ubf\{ckgfPsf] ti/sfnf0{Ij rf/ ubf{lghnf0{sbdf /fVg pkoQm gb[vPdf cbfntn] To:tf]s; /bf/nf0{ePsf]sb tIsfn sfoffjog gu/L lgnDag ug{ ; Sq\$.
 - -@_ pkbkmf -!_ adfind sip lgnDag ubf(sip ; hfo lgwf/0f ePsf[IdItb]v tlg i if{ Dd IgnDag ug{; Isg5.
 - -# pkbkm -! df hq; s}s/f nlvPsfeP tfklg bxfosf s; /df s; /bf/ 7xl/Psf afnaflnsf afxs cGo s; /bf/nf0{ePsf1 sb lgnDag ug{; lsg]5b H
 - st{o Hofg,
 - -V_ hjh{tls/0fl,
 - dfgj alrlavg tyf cf] f/k; f/,
 - -u_ -3 -3_ -a_ xftxltof/, v/vhfqf tyf li iknf6s kbfy{
 - e**i**6frf/,
 - z/L/ j@s Ing]jf ckx/0f ug{

8f\$f -5

vføf 6s jf vføf 16s6 rng,

ljb½l ljlgdo, nfu" cf}fwsf] cf]f/ k;f/ tyf sf/faf/ -e<u>m</u> -`_

- -7_ jg tyf jGohGt'; DaGwl,
- -8_ ; ËI7t ck/fw,
- -9_ ; DkIQ z4Ls/0f,
- -Of_ oftgf jf qm/, lgdQt, cdfgjlo jf ckdfghgs Jojxf/; DaGwl s; //,
- -t_ dfgj tf lj?4sf]ck/fw.
- -\$_ pkbkm -!_ adf nd s ; hfo lgnDag ug cfb ubf s; 'bf/n lgnDagsf] c j lwe/ b to adf ndsf] s fd ug uy ug kg $\$ H
 - -s_ lgNzNs ?kdf sg}; fj filgs sfd ug]
 - -v_ s; //af6 kll8t JolQmsf] sg} sfddf ; xofilu
 ug[
 - -u_ To:tf]cfb½df plNnlvt sg}sfd jf Jojxf/
 gug{
 - -3_ cfkmonths cfloor cfkmonths cfloor ghfg]
 - ; hfosf] cjlwe/ jf To:tf]; hfo eQnfg ePsf]tlgjif{leqsg}s; // gug][
 - -r_ cbfntn]tf[slbPsf]sg}:yfgxbdf /xg]
 - -5_ pkrf/ tyf kg:yfkgf s{bdf a:g}
 - -h_ s\u00e1\v00f3\v1; JolQmnf0{ge\u00e3\u00f3].
- -%_ pkbkmf -\$_ df hg; s}s/f n\[\vPsf]eP tfklg pkbkmf -!_ adf\[\text{lph} d \text{ afnaflnsfsf] xsdf ; hfo \text{ lgnDag ubf{\text{lghsf] pd}}}

tyf s; "ubf f[kl/l:y]t; d $f[nf0{lj rf/ u/l zt{tf}l jf gtf}l b]f o adf[nd lg0f o ug{; lsg}] H$

- -s_ kl/jf/sf sg}; b:o jf ; Alfsåf/f c; n
 dfgjlo Jojxf/sf ; DaGwdf ; Denfpg tyf
 aenfpg nufpg]
- -v_ ;]f k\psifg ug[; 3; +yf jf JolOmx?af6
 afnaflnsfnf0{cledVls/0f ug{nufpg]
- -u_ Psn, ; fdlxs jf kfl/jfl/s dgf] fdflhs
 k/fdz{;]f pknAw u/fpg nufpg]
- -3_ kl/jf/sf sg};b:o,; Alfs, ljBfno,;]f
 k\psig ug{JolQmjf; :\nyfsf]lgu/fgldf lgwfk/t
 zt\{? kfngf ug{u/l lglZrt cjlwsf nflu
 lghx?sf]; AlfsIjdf /fVg nufpg].
- -^_ pkbkmf -\$_ adfindsf] cfbzdf plNnlvt s/fx? lgnDagsf] cj lwe/ s; /bf/n] kfngf u/df lghnf0{ pkbkmf -!_ adfind lgwf{0f ul/Psf]sh eOmfg u/sf]dflggs.
- -&_s; $^bf/n$ pkbkmf -\$_ adf]\text{ndsf} cfb\text{pNn}^a\text{3g u/}\text{df} cbfntn]\text{pkbkmf} -!_ adf]\text{ndsf} cfb\text{2 ug}\text{5} .
- -*_ pkbkmf -&_ adfind cfb1/2 /2 ePkl5 To:tf]s; //bf/n] lghnf0{ePsf]k/f s1/6 sf/fuf/df a; L eOmfg ug{kg1/6 .

- -@_ pkbknf -!_ df hg; \$\s\f n\llvPsf\right]eP tfklg bknf @\\$ sf\right]pkbknf -\#_ df p\lnlvt s; \f ug\right]s; \f\bf\nf0{\to:tf\right]; \wf\ u\right\right\f k7fpg ; \lsg\right]5\right\gamma .
- -#_ pkbkm -!_ adfind s; /bf/nf0{; wf/ ukdf k7fpbf kfikg tyf kof/fin afbn]lgwf{0f u/]adfind lghn]kfngf ug{kg{ztk?; dttfislbg'kgb.
- -\$_s; 'bf/n]pkbknf -#_ adf]ndsf zt*{? kfngf u/l; 'wf/u{kf s} cjlw eQnfg u/df lghn] To:tf] cjlw sf/fuf/df a; leQnfg u/sf]dflgg\$.
- @^= kb:yfkgf sbdf k7fpg ; lsg]M-!_ nfu"cfffwsf];]gsf]s; %bf/
 jf zf/ll/s jf dfgl; s bj fitfaf6 kll8t s; %bf/ jf cGo o:t}
 s; %bf/nfO{ lghsf] pd], s; % ubf&f] kl/l:yltnfO{ lj rf/ ubf{
 lghnfO{sf/fuf/df gk7fO{kb:yfkgf sJbdf k7fpg pkoOm bJvPdf
 kf] \geq clwstsf]l; kmfl/; df cbfntn]To:tf]s; %bf/nfO{kb:yfkgf
 sJbdf k7fpg; Sg\$.
 - :ki6Ls/Of Mo; bkmfsf]k\pfngsf]nflu \(\alpha\kg:\yfnkgf s \)b\{\ell_e\text{G}fn]nfu" \\
 cf\)f\w jf cGo b\(\gamma\chi g \) jf zf/ll/s jf dfgl; s ba\(\hat{\chi} t \)faf6 kll8t \\
 s; \('\bf/\nf0\{ pkrf/ tyf kg:\yfnkgf ; \)]f k\(\hat{\rho} f \) ug\[\frac{1}{2}\text{on}\]:\yflkt \\
 ; \(\alpha\yf f \) Demg' k5\{.
 - -@_ pkbknf -!_ df hg; \$\s\f n\propto\propto\sf\end{e} tfklg bknf @\\$ sf\pkbknf -\#_ df pl\nlvt s; \f ug\fs; \f\bf\nf0\{kg:yf\ckletgf s\bf\df k7fpg ; \lsg\right] 5\ckletg .

- -\$_ s; 'bf/n] pkbkmf -#_ adf]hdsf zt $\{$? kfngf u/L kg:yf $\{$ gf s $\}$ b $\{$ gf s $\}$ b cjlw eQmfg u/ $\}$ f]dflgg $\}$ 5.
- -%_ o; bkmfdf cGoq hg; s} s/f n[]vPsf] eP tfklg kg:yf[kgf s]bdf /xsf] s; /bf/sf] rfnrngdf ; wf/ gcfPdf jf pkbkmf -#_ adf][hdsf zt{kfngf gu/df jf To:tf]cjlwdf lghn] s) ; hfo xg]sg}s; / u/df lghn]o; bkmf adf][hdsf]k/f s) cjlw sf/fuf/df eQmfg ug{kg].
- @&= ;Ktfxsf]clGtd lbg jf /fqlsfnlg ; dodf dfq sf/fuf/df a; l sb
 eQnfg ug{; lsgM} -!_ Ps j if{ Dd sb lgwf{Of ePsf]s; "bf/nfO{
 lghn]u/\$f]s; ", lghsf]pd], s; "sf]uDel/tf, s; " u/\$f]tl/sf
 / lghsf] cfr/Of ; d]nfO{ lj rf/ ubf{ lgoldt ?kdf sbdf /fVg
 pkoQm gbMyPdf To; sf] sf/Of vfibl cbfntn] lghnfO{; Ktfxsf]
 clGtd lbg dfq jf bMgs ?kdf /flqsfnlg ; dodf dfq sf/fuf/df
 a:g kg[u/l sb lgwf{Of ug{; Sg\$} .
 - -@_ pkbknf -!_ df hg; \$\s/f n\llnPsf\right]eP tfklg bknf @\\$ sf\right] pkbknf -\mu_ df p\lln\right]vt s; \(\mu \text{ug} \right] s; \(\mu \text{bf/nf0} \right) o; \text{bknf} adf\right]\(\mu \text{hf} \text{tf}\right] s\right]; \(\mu \text{tf} \right] s\right] \).
 - -#_ cbfntn] pkbknf -!_ adflhdsf]; hfo lgwf{0f ubf{
 s; "bf/n]kfngf ug{kg{zt{{?} tflslbg; \$g\$} .
 - -\$_ pkbkmf -!_ adfind sf/fuf/df /flvPsf] s; "bf/n] pkbkmf -#_ adfindsf zt*{? kfngf u/L To:tf]cjlw eQmfg u/df lghn]sf/fuf/df /xL To:tf]s; eQmfg u/sf]dflgg; .
 - -%_ pkbkmf -!_ adf]hd sf/fuf/df /flvPsf] s; /bf/n] pkbkmf -#_ sf]zt{kfngf gu/df jf To:tf]cjlwdf sb; ; hfo xb] sb; / u/df lghn]cfkmhf0{ePsf]sbsf]k/f cjlw sf/fuf/df a; l eOmfg ug{kg]5.
- @*= vNnf sf/fuf/df /fVg ; lsg] M -!_ sb cjlwsf] b0{ltxf0{cjlw eQmfg ul/; s\$f] / /fdf] cfr/0f ePsf] sblnf0{ sf/fuf/ kdVsf]

I; kmfl/; df ; DalGwt IhNnf cbfntsf] Gofofwlzn] vNnf sf/fuf/df /fVg]cfb½ lbg; Sg\$.

:ki6Ls/0f M o; bknfsf] kofhasf nflu &vNnf sf/fuf/Æ eGafn] sl\u00e4n]tflsPsf]; dodf_cfkllnf0\u00e4/flvPsf]7fp\u00e46bf_aflx/; d}_u0\u00e4 sq}sfd ug{kfpg]u/L gkfn ; /sf/n]tf\$\$f]sq}7fp"; Demo'k5{.

-@ pkbknf -! adfind vNnf sf/fuf/df k7fplff lghn]kfngf ua{ka{zt{tf}a'ka5.

-#_ pkbknf -!_ adfind vnnf sf/fuf/df k7f0Psf] sbln] pkbkmf -@_'adfndsf]zt{kfngf gu/df jf To:tf]cjlwdf sh ; hfo xq]sq}s; / u/df lghn]cfkmhf0{tflsPsf]afEl sb ; hfo sf/fuf/df a; L eQmfq uq{kq\bar{b}}.

Wof/findf /fVg ; Isg] M -!_ Ps j if (eGbf a9L s) ; hfo kf0{s) **@(**= ; hfosf] b0{ltxf0{cjlw eQmfg ul/; s\structure{s}f] / /fdf] cfr/0f ePsf] s; /bf/nf0{; DalGwt inNnf kfjizg tyf Kof/fin af\$\$f] l; kmfl/; df IhNnf cbfntsf]Gofofwlzn]Kof/fhdf /fVq]cfbz lbq; Sq5.

t/bxfosf s; /bf/nf0{Kof/findf /fVg; lsg]5g M

- -s _ hGdsbsf]; hfo kfPsf]
- elefrf/sf]s; //df; hfo kfPsf]
- -u_ na/n:tl s/Oflsf]s; /df; hfo kfPsf]
 -3_ dfgj a]rlavg tyf cf] f/ k; f/; DaGwl s; /df; hfo kfPsf]
 -a_ ; El7t ck/fw; DaGwl s; /df; hfo kfPsf]

 - -r ; DkIQ z4Ls/0f ; DaGwL s; /df ; hfo kfPsf]
 - -5 oftgf jf qh/, lgdd, cdfqilo jf ckdfghgs Jojxf/; DaGwL s; /df; hfo kfPsf,

- -em /fHo lj?4sf] ck/fw ; DaGwL s; l'df ; hfo kfPsf].

:ki6Ls/0f M o; bkmfsf] k\phflhgsf] nflu \(\alpha\kof/f\hat{fh}\) e\(\text{left} = \text{cj km}f0\) tf\[\text{spsf] s\phi ; hfosf] b0\{ \text{ltxf0 cj km eQmfg ul/; s\rangle f] s\phrt{ltxf0 cj km eQmfg ul/; s\rangle f] s\phrt{ltxf0}\} af\(\text{El cj km tf\[\text{spsf] zt\{ kfngf u/l kof/f\hat{fh clws\rangle sf] \text{lgu/fgldf ; dfhdf hljg ofkg ug\{cgdlt lb0Psf]cj:yf ; Demg' k5\{.}

- -@_ pkbkmf -!_ adfind cfb½ ubf{Kof/findf /xsf]cjlwdf To:tf]s; /bf/n] kfngf ug{kg{egl kfj½g tyf Kof/fin af\$\hat{1} \text{g} \text{g} \text{f} \text{g} \text{f} \text
- -#_ pkbkmf -@_ adf]hdsf zt $\{?$; DalGwt s; "bf/n]kfngf u/]jf gu/ $\{s\}$ f]cgudg Kof/f[n] clws[s]tn]ug[s]5.
- -\$_ pkbkmf -!_ adflhd Kof/fihdf /x\\$f] s; "bf/n] pkbkmf -@_ adflhdsf] zt{kfngf u/\df lghnf0{tflsPsf] s\} ; hfo eQmfg ePsf]dflgg\\$.
- -%_ pkbkmf -!_ adfind Kof/findf /x\sf]s; "bf/n]pkbkmf -@_ adfindsf]zt{kfngf gu/\df jf Io:tf]cjlwdf s\bar{b} ; hfo x\df]s\df s; \forall u/\df lghn]cfk\nf0{tf]sPsf]af\dagger l s\bar{b} ; hfo sf/fuf/df a; l e\text{Qmfg ug{kg}} .
 - 6-^_ Kof/fin; DaGwL cGo Joj:yf tflsP adflnd xgl.
- #)= ;fdflhsls/0f u/fpg'kg]M-!_o; Pg tyf cGo sfggdf hg;s}
 s/f pNny eP tfklg Ps jifeGbf a9L cjlwsf]sb; hfo kf0{sb}
 eQmfg ul//xsf]//fdf]cfr/0f ePsf]s; /bf/nf0{lghnf0{tf]sPsf]
 sb cjlw eQmfg xgeGbf 5 dlxgf cufl8 b}xfosf] sfdsf] nflu
 sf/fuf/n]dfl;s jf blgs ?kdf sf/fuf/af6 5f\$b; Sg\$ H
 - -s_ kfl/jfl/s kgldfng,

- -v_ ; fdflhs, ; fFs[ts ; Da&w :yfkgf,
- -u_ ; fdflhs Psls/0f tyf kg:yfkgf,
- -3_ Joj; fo jf /flhuf/L ug{
- $-a_{\perp}$; lkdhs jf /fhuf/dhs tflnd lng.
- -@_ pkbknf -!_ adflhd sf/fuf/af6 5f\hat{\bar{b}}\hat{b}f To:tf]s; \bar{b}f/n] kfngf ug{kg\zt\?; d\tau} tf\slbg'kg\dag{\bar{b}}.
- -#_ pkbkmf -!_ adf $\$ fo:tf] sfddf latfpg' kg cjlw / ; do ; d\ \text{vhfpg'kg} .
- -\$_ pkbknf -!_ adf]hd 5f]8Psf] JolQmn] cfknh] u/\$f] sfdsf]; DaGwdf ; fKtflxs ?kdf ; DalGwt sf/fuf/df k||tj||\$g k7fpg' kg $\$.
- -%_ pkbkmf -!_ adf [nd 5f][8Psf] JolQmn] pkbkmf -@_ df pl\nlvt zt{k/f gu/df jf Io:tf]cj | wdf sg\s; // u/df | lghn] kg\mathbb{M} sf/fuf/df g\rangle a; \mathbb{l} af\bar{E}\mathbb{L} s\rangle cj | w e\rangle mg\mathbb{L} kg\rangle .
- #!= sb afkt zf/U/s >ddf nufpg ; lsg] M -!_ tlg j if{jf tlg j if\(\) bf a9l sbsf]; hfo kfPsf] c7f/ j if\(\) cf/U/s ?kdf :j:Yo /x\(\) f] s; \(\) bf/n] rfx\(\) f lghnf0\(\) sf/fuf/n]; fj\(\) flgs sfdsf]nflu zf/U/s >ddf nufpg; \(\) Sg\(\).
 - -@_ pkbkmf -!_ adf nd ; fj hlgs sfdsf] nflu zf/ll/s >ddf nuf0Psf]s; /bf/n]k t tlg lbg >d u/]afkt yk Ps lbgsf] b/n]lghsf]s s f xg .
 - -#_ pkbkmf -!_ adfijnd ; fj tilgs sfdsf] nflu zf/ll/s >ddf nufpg]; DaGwl cGo Joj :yf tfijsP adfijnd xtjt.
- #@= **sf/fuf/ aflx/ hfg lbg ; lsg]**Msbsf]; hfo kf0{sf/fuf/ leq sb eQmfg ul//xsf] sblnf0{blfosf] cj:yfdf sf/fuf/n] sf/fuf/af6 cfjZos; //Iffsf; fy aflx/ hfg]cgdlt lbg; Sg\b \mathbb{H}

- -s_ glhssf]gftbf/ la/fdl ePdf ;fkl lbg kmskcfpg] u/l To:tf]la/fdlnf0{ebb,
- cfkmm]; but jf sfhlqmof ug{kg{gftbf/sf}d[o' ePdf tflsPsf]lbg kmsg]u/L; but jf sfhlqmof ug{.
- ##= ; wf/fids sfo(md ; ~rfng ug{kg} M -!_ s); hfo ef]u/x\$f] s)lsf]cfr/0f; wf/ ug(nf0{sf/fuf/n]; lk, lzlff tyf /f]nuf/dhs, g)ts, cgzf; gfids, ef]ts, cfWbflids, of]u tyf Jofofd lzlff nufotsf; wf/fids sfo(md tyf pkfox?; ~rfng ug{kg].
 - -@_ pkbknf -!_ adf¶hd ; ~rfng ul/Psf] sfo@md tyf pkfoaf6 sblsf] cfr/0fdf ; f/et ; wf/ cfP gcfPsf] ; DaGwdf sf/fuf/n]k¶o\$ 5 dlxgfdf k¶]‡g tyf Kof/fn af\$@ff k||tj|bg k‡ ug{kg\$.
 - -#_ ; wf/fIds sfo(md ; DaGwL cGo Joj : yf tflsP adflhd xg).
- #\$= <u>c:ktfn jf o:t}c6o :yfgdf /fVg'kg</u>M-!_o; Pg adf]hd sbsf]; hfo kfPsf]sg}s; /bf/sf]xf] 7jufg g/xglf To:tf]s; /bf/nf0{ sf/fuf/n]c:ktfn jf o:t}c6o lrlsT; f s[b¢lf /fVg'kg].
 - -@_pkbknf -!_ adf]]hd c:ktfn jf lrlsI; f s]]b ϕ f /flvPsf] cjlwe/nf0{lghn]s} eQnfg u/\$f]cjlw dflgg\$.
- #%= v08]; hfosf]lx; fa Mo; Pg adf]hd v08]; hfo ubf{hGd spsf]; hfonf0{kRrl; aif{sp}; hfo sfod u/l To; sf] sfgg adf]hd v08]; hfo ug{kg}.
- #^= **ljleGg s; / afkt ePsf]sb ; hfosf]sfof(j og M**-!_ sbsf]; hfo kf0{sb ; hfo ef]u/xsf] JolQmnf0{PseGbf a9L s; / afkt sb ; hfo ug{kbf{b}kfo adf]hd sb ; hfo u/L kb; nf sfof(j og ug{kg} M+

klxn]ePsf]kijk nf adfi[hdsf]sljsf]; hfosf] cjlw kl5Nnf] km, nf adfmhdsf] sbsf]; hfosf]cjlweCbf a9L jf a/fa/ ePdf klxn]ePsf]km, nfsf]sbsf]; hfo sfof(jog ug{ kg∮ .

kl5 ePsf] sbsf]; hfosf] cilw klxnsf] slysf]; hfosf]cjlwe6bf a9L ePdf kl5Nnf] slpsf]; hfosf] cjlw hlt a9L x65 ; fkl

cilw; Dd sb yk ug{kgb

-@_ pkbkmf -!_ df hg; s} s/f n[MPsf] eP tfklq sq} s; /df sbsf]; hfo kfPsf]JolQmn]To:tf]; hfo eQmg gxb}lghnf0{ csf{s: // afkt sbsf]; hfo ePdf klxn]ePsf[sbsf]cilw eOnfg ePkl5 u0fgf xq]u/L kl5 ePsf]s\sf]; hfo sfof(j og ug{kg\scripts.

-#_ Pp6}d2fdf Pp6}JolQmf0{krint sfgg adf]nd ljle6g s; / afkt lj leGg slysf]; hfo ePsfdf To:tf]; hfodWb]; aleGbf

a9Ls; /sf]shsf]; hfo dfq sfof(j og ug{kg].

-\$_ pkbkm -#_ adf hd tf sPsf] s s s i h fo a/fa/ ePdf

To:tf]; hfodWb]sg}Pp6f dfq; hfo sfof(j og ug{kg}.

-%_ o; bkmfdf cGoq hg; s}s/f nllvPsf]eP tfklg k6s] s; /bf/sf; DaGwdf jf Pslst s; /sf; DaGwdf sfggdf 5\}; hfo tf[sPsf]/x[5 eg]; f[x]L; hfo sfof(j og xg[5.

sh sh xh; sq]Mbxfosf s; /bf/ afxssf s; /bf/sf]shdf /xbf rfnrngdf; wf/ cfPdf / lghn]tlg rfyf0{s}; hfo eQnfg u/df Ighnf0{ePsf]sb; hfo sf/fuf/n]tflsP adflhd s\f ug\{; \sq\f \mathbb{H}

-s_ hGd sbsf]; hfo kfPsf]

#&=

-v_ ha/h:tl s/0fl; DaGwl s; '/df; hfo kfPsf]
-u_ e[6frf/; DaGwl s; '/df; hfo kfPsf]
-3_ dfgj a[rlavg tyf cf] f/k; f/; DaGwl s; '/df ; hfo kfPsf,

ckx/0f tyf z/L/ aGws ; DaGwL s; /df ; hfo kfPsf.]

- -r_ nfu"cf)fwsf]cf] f/k; f/ tyf sf/fat/; DaGwL s; 7,
- -5_ ; EI7t ck/fw ; DaGWL s; '/df ; hfo kfPsf]
- -h_ ; DkIQ z4Ls/0f ; DaGWL s; /df ; hfo kfPsf]
- -em_ oftgf jf qh/, lgd(d, cdfgjlo jf ckdfghgs Jojxf/; DaGwl s; /'df; hfo kfPsf]
- -`_ dfgjtf lj?4sf] ck/fw ;DaGwL s;7df ;hfo kfPsf].
- #*= kfj 2g tyf Kof/fh af3{/xg] M -!_ sb ; hfo kfPsf s; "bf/sf]; fdflhs kg:yfkgf tyf Psls/Of ug1 sfo(df ; xof) ; d1; k\fofpgsf] nflu b\fo adf]hdsf] Ps ; a\forall lo kf] 2g tyf Kof/fh af3{/xg} M
 - -s_ dxfGofoflwj Qnf cWolf
 - -v_ ; Irj , sfgg, Gofo tyf ; +blo
 - dflanf d6qfno ; b:o
 - -u_ ; | rj , uk dlqfno ; b:o
 - -3_ pknAw eP; Dd Ps hgf dlxnf
 - ; lxt ; DalGwt dGqfnon]tf\$\$f
 - b0{hgf dgf||rlsT; s -; b:o
 - -a_ dxflg/Llfs, glkfn kk/L -; b:o
 - -r_ ; DalGwt dGqfnon]tf\$\$f]
 - ck/fwzf:ql if b08zf:ql ; b:o
 - -5_ dxflqb\racktelets, sf/fuf/ Joj:yfkg

li efu

-; b:o ; lrj

-@_ kfi]⊉q tyf Kof/ffh af\$\\$f] kfolf lqb⊉q, lqoGq0f / ; k/Li]f0fdf /xq]u/L k1o\$ kb2df bxfo adf1hdsf]kb2 kf12q tyf Kof/fin af8{/xg5 M

> -s dVo Gofoflwi Qnf **cWbIf**

> -v ; Iri, kbz sfaa dGafno ; b:o

> -u_ ; Irj, kb≱ u≰ dGqfno - ; b:o

-3_ k\(k\(d\) \(k\) \(k\) \(k\) \(k\) - ; b:o

-a pknAw eP; Dd Ps hgf dlxnf

; lxt kbz ; /sf/n]tf\$\$f b0{hqf

dqflrlsT; s - ; b:o

-r_ kbz ;/sf/n]tf\$\$f]ck/fwzf:ql

if b08zf:ql

- ; b:o

kbz sf/fuf/ Joj:yfkg

; DaGwL lgsfosf]kdV - ; b:o-; lrj

- **#(**= kij 2g tyf Kof/fin af3\$f]sfd, st.{o / clwsf/ M-!_ o; Pddf cGoq pNny ePsf]sfd, st{o / clwsf/sf]cltl/Qm; aSlo kf] zg tyf Kof/fin af8\$f]sfd st{o / clwsf/ bkfo adfilnd xq5 M
 - kf]]zg tyf Kof/fjh ; DaGwL qLlt lqdf@f u/L qkfn;/sf/;dlfl;kmfl/; uql
 - sblnf0{kf] 2g tyf Kof/findf /fVq]dfkb08 list; t ug

- -u_ kf] ½g tyf Kof/findf 56\forall s; "bf/n] kfngf
 ug{kg{zt{? | lgwf{0f ug{}}
- -3_ k\rightarrow k\rightar
- o; Pg adf]hd; hfo sfof(jogdf l; kml/;
 tyf s; "bf/nf0{ kg:yf(kgfdf ; xof) ug{
 cfj Zos kf] ½g clwst jf Kof/fn clwstsf]
 ?kdf lgoOm jf tf(g; lsg]JolOmx?sf]; "L
 lgdf(f ug.[
- -r_ kf] tg tyf Kof/fin; DaGwL cGo cfj Zos s/fx? Ufq{.
- -@_ kfj zg tyf Kof/fin afat] cfkmgf] sfd sf/afxl
 ; ~rfngsf]nflu cfj Zos kg{sfolj lw cfkm}lgwf{0f ugs.
- -#_ kf] \(\frac{1}{2} \) tyf \(\lof{\frac{1}{1}} \) af\(\frac{1}{2} \) cfk\(\frac{1}{2} \) sfd sf/afxldf ; xof\(\frac{1}{2} \) k\(\frac{1}{2} \) ostf cg'; f/ pk; ldlt u7g ug\(\frac{1}{2} \); \(\frac{1}{2} \) .
- -\$_ pkbknf -#_ adf]nd u7g ul/Psf]pk; ldltsf]sfo{fqut zt{ sfofj lw / c6o cfj Zos s/fx? kf] $\frac{1}{2}$ g tyf Kof/fjn af\$fn] tf]slbP adf]nd xg\$.
- \$)= $sb cjlwsf]u0fgf M-!_ sb cjlwsf]u0fgf ubf{s; '/bf/ lx/f; tdf jf ygfdf /x<math>sfdf$ To:tf] ld|tb]\v / lx/f; tdf g/xsfdf sf/fuf/df a; sfdf u0fgf ug{kg}.
 - -@_ pkbkmf -!_ adf]hdsf]cjlwdf lx/f; t jf s β af6 5 δ f] lbgnf0{s β cjlwdf u0fgf u1/g]5 δ g .

kl/R5\$ -^

IfItkIt{; DaGwL Joj :yf

\$! IfItkIt{e/f0{lbg'kg}M-!_sg}s; /sf]kl/0ffd:j?k kll8tsf]hlp, Hofg,; DklQ jf OHhtdf sg}lflt ku@lf To:tf]lflt afkt cbfntn]s; /bf/af6 kll8tnf0{dgfl; a lfltklt{e/f0{lbg'kg}}.

t/ sfggdf sg}s; // afkt 5\}lfltklt\sf]Joj:yf ePsfdf; f\lambdal adf]hd xg\square.

- -@_ pkbknf -!_ adf¶ndsf] IfItkl't{ lgwf{0f ubf{ b}tfosf s/fx?nf0{lj rf/ ug{kg} №
 - -s_ kll8tnf0{ku\sf] ef\sts, zf/ll/s, dfgl; s /
 efj gflds lflt,
 - -v_ kll8tsf] d[o' e0; s\$f] eP lghsf]
 xsj fnfnf0{kg{uPsf]Iflt,
 - -u_ s; //bf/sf]cfly\$ >f] / cj:yf,
 - -3_ kll8t tyf lghdf cfl>t JolQmsf]cj:yf,
 - -a cbfntn]pkoQm7x¥ofPsf cGo s/f .
- -#_ pkbkm -!_ adf]hd IfItklt{ e/fpbf s; //sf] kl/0ffd :j?k kll8tnf0{rf}k6s nfu\$f]jf c· e· ePsf]eP pkrf/ vr{ tyf kll8tsf]d[o'ePsf]df ; but vr{Pj +sfhlqmof vr{; d} e/f0{ lbg'kg} .
- -\$_ s; '/bf/n] kll8tsf] ; DklQ | IfIt | u/\sf\df | To; | afkt | IfItkl't{e/fp\dagger} | To:tf]a:t'oyfI:yItdf g}lkmtf{u/f0lbg'kg\dagger} | .
 - -%_ pkbkmf -\$_ adf]nd oyfl:yltdf j:t' lkmtf{ug{g; Sg] cj:yf ePdf Io:tf]j:t\$f]dNo vNgdf Io:tf]dNo, dNo gvhdf Iflt xDf jf ; hfo tfDf avt Io:tf]j:t\$f] sfod xg ; Sg] dNosf cfwf/df Ifltklt{e/f0{lbg'kg}.
 - -^_ IfItkl't{e/fplf qub if lhG; L if bj}e/fpq; lsqb.

- -&_ s; '/af6 kll8t JolQmsf] pkbkmf -!_ adfInd IfItkl't{ e/fpgcl3 g}d[o'e0; s\$f]/x\$ eg]pkbkmf -!_ adfIndsf]IfItkl't{ lghsf]cfl>t xsj fnfnf0{e/f0{lbg'kg}} .
- \$@= IfItkIt{tIsfn aenfpg'kg[M-!_o; kI/R5] adf]nd ePsf]IfItkIt{ s; /bf/n]tIsfn aenfpg'kg].
 - -@_ pkbkmf -!_ df hg; s\s\f n\vert Psf] eP tfklg To:tf]
 JolQmn] Ifltklt{ tTsfn aemfpg g; sl To; afkt sg\}; DklQ
 hdfgt lbPdf cbfntn]Ps jif\vert eq To:tf]/sd r\mathbb{Omf xg}u/l a9ldf
 tlg ls:tfdf Ifltklt{aemfpg]cfb\vert lbg; Sg\vert .
 - -#_ pkbkmf -!_ jf -@_ adf]hd Ifltklt{gaemfPdf To:tf]
 s; /bf/sf]; DkIQ hfohft u/L kll8tnf0{Ifltklt{e/f0{lbg'kg}}.
- \$#= kios s; /bf/n] Ifitkit{Joxfo}{kg} M sg}s; /df PseCbf a9Ls; /bf/ eP Ifitkit{e/fpg cfb} lbbf kios s; /bf/n]s; /sf] dfqf cg'; f/ Ifitkit{Joxfo} [u/L cfb] lbg'kg.
- \$\$; xdlt adfind xg]M-!_ o; kl/R5bdf cGoq hg; \$\s\forall f nl\forall Psf]
 eP tfklg sg\s; \forall sf ; DaGwdf Ifltklt\[lng]lbg]; DaGwdf kll8t /
 s; \forall bf/n]sg\s; xdlt ug\{; \forall sg\forall g\}
 - -@_ pkbkmf -!_ adfindsf]; xdlt dgfl; a bivP cbfntn]
 To:tf]; xdlt adfindsf]IfItklt\f[cfb]z uq{; Sq\functions.
- \$\frac{\text{glt/]s\} x\text{y}\text{\text{ltg\kg\s; \begin{align*} for the content of the conte
 - __e_ pkbkm -!_ adfind hfohft ubf{ Ifitklt{/sd c; h gePdf jf Ifitklt{Itg{kg[s; /bf/n] Ifitklt{glt/df lghnf0{Ps lbgsf]tlg; o ?k\right\right\forall filtklt{/sdnf0{s\right\forall filtklt u/l s\right\forall filtklt{/sdnf0{s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtklt{/sdnf0{s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtklt{/sdnf0{s\right\forall filtklt} u/l s\right\forall filtklt{/sdnf0{s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtklt{/sdnf0{s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtklt{/s\right\forall filtklt} u/l s\right\forall filtklt{/s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtklt} u/l s\right\forall filtkl
 - -#_ o; Pg / cGo sfggdf hg; s}s/f n[vPsf]eP tfklg pkbkmf -@_ adf[hd s] ubf{rf/jifeGbf a9L s] ug{xFg}.

kI/R5b - &

IJIJw

- \$^= ; hfo ; enfj ; ldlt /xg]M; hfo lgwf{0f ; DaGwL gllt lgdf@f sfo{
 ; d]sf]nflu b]xfo adf[]hdsf]Ps ; hfo ; enfj ; ldlt /xg]\$ M
 - -s_ dxfGofoflwj Qnf cWo If
 - -v_ ; Irj , sfgg, Gofo tyf ; #blo dfldnf dGqfno ; b:o
 - $-u_{\text{dxflg/llfs}}$, g | k | k | k | ; b:o
 - -3_ ck/fw cg; Gwfgsf]Ifqdf sDtldf kGw| jif\sf]cgej xfl; n u/\sf jf b08ljbx? dWb\af6 g\str ; /sf/n]tf\s\sf]Ps hgf - ; b:o
 - -a_ s; /bf/nf0{kgMyfkgf ug{sfddf; mlg JolQmx? dWb}f6 gkfn; /sf/n]tf\$\$f] sDtldf bzjif\$f]cgej kfkt u/\$f] Ps hgf -; b:o
- \$&= ; | d|tsf] sfd, st.{o / c|wsf/ | M -!_ ; | d|tsf] sfd, st.{o / c|wsf/ | b]xfo adf[| hd xb]xf | | | |
 - -s_ s; /sf] uDel/tf cg; f/ s; /bf/nf0{ xg]; hfosf] pkoQm xb lgwf{0f ug{dfkb08 lj sl; t ug{
 - v_ k|rInt b08 glltsf]; DaGwdf cWbog cg; Gwfg ug{
 tyf; \wf/sf nflu g\kfn; /sf/; dlf; \entired{entire} lbg]
 - -u_ sg}vf; ks[tsf s; //sf ; DaGwdf ug{kg]; hfosf ; DaGwdf gkfn ; //sf/nfO{/fo, ; Nnfx / k/fdz{lbg]
 - -3_ s; "bf/sf]ljj/0f; [ng ug]/ cBfjlws u/L /fVg] ljZn]f0f ug]/ b08; hfosf; DaGwdf; enfj lbg]

- ·a_ b08 ; hfosf ; DaGwdf k|rint sfg\u00e9df s\u00e9} ; \u00fwf/ ug{kg{b}}\u00e9f g\u00e4fn ; /sf/nf0{; \u00e9nf ibg].
- -@_ ; ldltn]cfkm\gf]sfd sf/afxL ; ~rfngsf]nflu cfjZos kg[sfol\j lw cfkm\lgwf\(0f ug\) .
- -#_ ; Idltn]cfkmontsf]sfd sf/afxldf ; xofu ktofpgsf]nflu
 cfj Zostf cg'; f/ pk; Idlt u7g ug{; Sgt.
- -\$_ pkbkmf -#_ adf]nd u7g ul/Psf]pk; ldltsf]sfo{fqut zt{ sfo{j lw / c6o cfj Zos s/fx? ; ldltn] tf]slbP adf]nd xqb.
- \$*= kll8t /fxt sff v8f ug{kg}M-!_s; /af6 kll8tnf0{/fxt pknAw u/fpg kll8t /fxt sff gfds Ps sff v8f ul/g\$.
 - -@_ pkbknf -!_ adf]nd v8f ePsf]sf]fdf cbfntsf]kn, nf adf]nd hl/afgf afkt c; h pk/ ePsf]jf ck/fw; kxtf adf]nd s) a:g'kg[s; /bf/ s) ga; l s) afkt hl/afgf lt/sf]/sddWb] krf; k|tzt /sd g]kfn; /sf/n]hDdf ug{kg].
 - -#_ pkbkmf -!_ adf]ndsf]sf]fdf pkbkmf -@_ adf]nd hDdf ul/g] /sd afx\$ sfgbj adf]nd Joj:yf ePsf] /sd jf g]kfn ; /sf/af6 jf cGo sb}; f]taf6 kfkt ePsf]/sd; d]t hDdf xb]5.
 - -\$_ pkbkmf -!_ adfindsf] sfifsf]; ~rfng, kll8tsf] jul\$/0f, sfifaf6 kll8tnf0{lb0g]/fxt /sdsf]cfwf/, To:tf]/sdsf] xb tyf lj t/0f k\$\darktilde{b}f ; DaGwl cGo sfolj lw tfisP adfind x\darktilde{b}f .
- \$(= kij\rangle clw\st jf Kof/fin clws\f tf\rangle M -!_ gkfn ; /sf/n]; fdbflos ;]f jf kg:yfkgf sfo\df sfd u/\st JolQmnf0\{ kf\rangle \rangle g} clws\f jf Kof/fin clw\st IgoQm ug\{jf tf\rangle g ; Sg\st .
 - -@_ pkbkmf -!_ adfl[hdsf] kf[] tg clwst jf Kof/finclwstsf] of[otf, ;] fsf zt{tyf; ljwf; DaGwL Joj:yf tf[]sP adfl[hd xt].

- %)= <u>lgod agfpg] clwsf/</u> M o; Pgsf] sfof(j og ug{ cfj Zos kg{
 lgodx? cbfntl sf/afxlsf]xsdf ; jf(r cbfntn]/ cGo lj ifosf
 xsdf g(fn ; /sf/n)agfpg ; Sg(5).
- %!= $\frac{\text{lgb[zsf agfpg ; Sg]} M \text{ of } P_g / o$; $P_g cGtu[ag][godsf] k|tsh gxg]u/L g|[sh ; /sf/n]cfjZos lgb[zsf agf0[shu"ug] ; Sg].$