#### slgr Lk mbcj q Zl brf cmpgcq

O v xx t - st | 5b rx  $\sqrt{5}$  vp x p x p | x t p s pzt w | st t xt - t O -- xrp x p s r | |pq p x - st | 5T t t  $\sqrt{4}$ Y | x-t sxpp s f f f  $\sqrt{7}$ 

#### 3.1 a me l gr gt c k mb c j q

Ov xxt-st| t t t t ux t pr xt t-7Txt prwxrpl-st| t t t p t = p z p s v pl r t7

Xx v x xr-st| t t t wt t t-vp--p7

] w xrpl p s st xrt-st| t t t w-p-zxl| 7

Ov xxt prwxtr t st |xt p|| u wt t r v xxt-st| 7

#### 3.1.1 e mZj Zl b r Zqi f gc p Zp a f gc q

c prwxt t wx v pl t sx xst x x t t pl qv pl 4 p vp wt x v wt spp vt wt 4 s rx v wt pqlt p s wx v p— 4 p s xx v wt st rx x t — pt xpl 7 O rt p x v wt spp vp wt x v 4 t strxst | x wx x u wt qv pl F ux s wt p— t u pll x s r TOU t q z p s wt t p rw wt q z plt sp pqp t u wt t q z 7 b x— xlp | 4 t p rw u wt wt q v pl x s x x s t s x u wt q v pl 4 xl — t | t t | u st pxl x u s p wx rw t strxst 7 f t w t s xw p wx p rw u v pl p s q v pl 7

ftrp v str - x v p z x t vt s wt x sx xs p wp s p s t t - t-t u wt t 4 t r p p - t p q p r |t t |7 f wt t s t p K U px-xlp p4 trp p ppl t p sxuutt x x wtwxtprw uvpl7M wt tx ptx t uvp |px4psq w u wt-tws strxqtsqt| |tpt c wt t vx = -t t t x v t v p s u v t s t x v t 7 P x u t t s t x v x t s t - p s s x u t tpt- p xw rwp pq pr vplp srtpt wxrw xllx lttpl rtpxx pssxuuxrl qlt- |xv7Utpswtruxtwt-t|t - tltp tsqtwp x 7c wx - pq pr p z x tut ts p wt x p z 7c wt x p z s t  $t \times xt = p = q|t-5|xv \times zx|$  wt  $p = u \times t + 4 \times v \times v \times ut + t + st = p + s \times t$ wx xrpts q|t-5|xvzx| wt p u wt st xv t stt-xt wt -7f wp s ts wt wttptttplp u lxvp qlt-4 xuwt lx qv pl

#### e mk q

c wt S[Yb - stl uOps4Y p psZt tll x p pr - u S pl4[tp 4Yt w s p s btltr x

m cwt t p t wt | t | t | t | u p p | x 7 cwt p t wt qp xr pr x wp wt t  $- t u - x \quad st \quad t \quad wt \quad t - 7 cwt - p \quad puutr \quad wt \quad t - 0 u \quad t \quad p - \mid t4 \quad t \quad wt \\ = g = zt \quad 1 \quad \mid \quad wt \quad t = -t \quad p \mid \quad p t \quad 0 u \quad t \quad p - \mid t4 \quad tps \quad wt \quad sxp \mid v \quad q \quad 17 cwt \quad t \quad x \quad xl \mid p \\ stv tt \quad u \quad ut \quad xqxlx \quad pq \quad wt \quad v \quad p \quad \mid p \quad x \quad u \quad t \quad p \quad G \quad t - p \quad pzt \quad wt \quad r - - p \quad s \mid t \mid t \\ = x \quad t \quad wt \quad bQXQOc \quad r - - p \quad s = qt - t \quad x - xxt F = -t - t \quad -t \quad qp \quad 4 \quad t \quad rt \quad t \\ - t \quad q \quad 7$ 

k cwt t p t xrpll t t pl p x wxrw p v pl rp qt |x x| qv pl 7 R x p rt 4 x p rt p x x s - p p vt p r t | t | t | t r t s x s rp qt r | t s p xr t x wt q t | t r x v wt = OX[bQ= x u - p 5 - t 4 q wx x v wt = XC= u r x zt 7 U S[Y b wt t v pl str - xx p t t ut t s p - t w s 4 t wp t wt OX[bQ5YQcT[P p s wt XC5YQcT[PF]]]

S[MXFW0[ZW Q5f VZP[f

7j tltr S[MXFdbQ5OX[bQ5YQcT[P

77Y [ e Q5Y [ d b Q5c [ 5f UZ P [ f 5T QMP Qa

77] [ ] 5d ] 5Y QZ d

77OXLOW5[ e Qa 5OX[ bQ5[ ] c \( \pi \) Z

S [ MXFd bQ5XC5Y Qc T [ P

77] a Qbb5XC5WQh1

cwts pt ts x sxrpt wtwxt prwxrpllt tluv pl7btltrx R – wt pq t x t t tt wt t u wt s tltr wt t wt rw xrt u – tws pxt7S[Ybst ltpt wx ppps – rw xrt4q pt – tsxr wxrw – tws xlqt ts7cwx xrpll st tsqw wt pxrlp tps wt pt u wt t – ps st pxlpq wt vpl7 a lt <Fd t wt OX[bQ5YQcT[P lt p wt ltp lxt7 a lt = FUL wt p lxrpx x = ql rz = t wt XCSYQcT[P7

cwt v pl wxt prwxt strxqts x p S [Ybppl x ptpl- w || qtl wt lt tl u wt

#### S [ MXFQP & 5Y MZ d bOa U c

rtpxvsxxrx x t x px 7

S[MXFQP W 5d Z W 5c MbW t tp xl - t x p z cwt v pl str - xx qt tt wt t pll p z p s wt x p z ls x | t st pxlts st p sx v u wt t = q|t-5| x v p t vxt p s u wt p | xr p x s - px 7

a

Usx xs pl xw wxw wr v xx t r - lt x pt t t xu - px 4p pr ts wt x sx xs pl u wxw wr - lt x 4 wxw wl ult xqxlx 4 rxpll x ult xpl4 qlt- lt 4 pt vxr lp t 4 wxw wl r tp x t 4 t uutr x t r -- xrp ps vt t pll v s ltp st 7  $\mathbf{n}$ 

cwtu-px upvplwtprw x |pvtl p wrtrw x tps pt tpl
xz uqtxvstuxtsq wtr- t sxpl v pwt wp wt t7[t p trxu wx x
srtpvpl r tqpts t5t x x v-p pl rts t ps w qpx pp pl
wxtprw 7S[Ybstuxt x s-px qt wp ut t t4ps w wtvpl r t wp
pt x- ppt w t wxrw t sttl u wtx t u wt t-7cwtr rt pl
up-t z uvpl wxtprwxt ps t v pl prz rp qt ts t t x tuprt x t4
sxtrl psst tsq wt px pq t7R x prt4 trp t wx t p-xt x
- t stpxl wtrl t qlt- xwtpl p -pts t||t -prwxt OMcY1-t x ts x
wtPt xw Rr q cwt ttpl McY vpt wtr -t wt- t qtu t t x v wtx
rps 7d u ptl 4 wx ||ts -p r -t ||tp x v wtxrps qtwxs7cwx pst xt

 $5 \, r \, tt \, -t \, pvt \, t \, || x \, v \, wt - \, px7 \, c \, wx \, x \, tut \, ts \, p \, p \, q|t - \, u \, r| \, t7 \, c \, wt$   $t = x \, rx \, p| \, v \, p| \, x \, vt \, - \, t \, G \, wt \, wp \, v \, p| \, x \, p \, x \, uxt \, s4 \, wt \, t \, s \, t \, r \, - \, lt \, t$   $r| \, t \, wt \, p \, x \, q \, p \, z \, wxrw \, x|| \, t - px \, t \, F$ 

S [ MXFS Qc 5Y [ ZQh

7S [ MXFd bQ5Mc Y

77UZbQa c 50Ma P

77QZc Qa 5] UZ

77QZc Qa 5MY [ d Zc

770[ XXQOc 5Y [ ZQh

HH t v pl p x uxts v pl prz ts JJ

770[ XXQOc 50Ma P qv pl t p - x ts

## 3.1.2 jgles gqr gak mbcjq

#### 'ld

wt lp

at t t pxt u wt |x v x xrp prwx atx t = t uNprz Zp R - 0NZR1 |t st rxqt wt sxpl v v p--p 7c wx xt wt sxpl v p p t | pr xr |t t | 4xv x v wt t-p xr u wt |p v pvt 7NZR wp qtt ts xstl trxu wt p ur - t v p--x v |p v pvt 4p s-p t-sxpl v rp qt st rxqts tpxl x v NZR |t 7 R t p- |t 4x-pvx t p v p wxr t-wp wp p |x t 5s p x v u rx 7c t |tr wt u rx wt t-t|tr wt = |x t = -t x 7c wt |x t 5s p x v u rx p|l wt t sp p | |x t 4 wp x p t t rt u |x t pr qt tt x 7c wt t t |tr wt x q r|x r x v wt - t q x wt sp x v p t p 7c wt t sq |t r|x r x sxrpt

]  $xx ext{ 5-}$   $t ext{ x4}$   $t ext{ | } z ext{ p wt | p | } tt7 ext{ cwx } t ext{ | } wp ext{ wt } tpt ext{ } xqxxxt ext{ u }$   $xx ext{ 5-}$   $t ext{ 0 t } ppts ext{ q } wt = - q ext{ | } 17[ ext{ t } x ext{ x } wp ext{ } xx ext{ 5-} ext{ } tx ext{ t-} ext{ } p$   $ttxp| - q ext{ | } t ext{ t } t ext{ x v } prx ext{ 7 c wp } x4 ext{ t } x ext{ x } x ext{ - } t ext{ wt - } tpp||7c wt ext{ wt } x ext{ x } s ext{ p } Y[e Q5Y[dbQ ext{ prx u | | } ts ext{ q } xx ext{ 5-} ext{ } t^2 ext{ cwx | } t ext{ x } t ext{ tr } xt4ps ext{ wx } tr ext{ s } xx ext{ 5-} ext{ } t^2 ext{ p } x ext{ } t ext{ 4p } s ext{ wx } tr ext{ s } xx ext{ 5-} ext{ } t^2 ext{ cwx | } t ext{ x } t ext{ tr } xt4ps ext{ wx } t^2 ext{ cwx } t^2 ext{ 4p } s ext{ 7 cwx } t^2 ext{ 4p } t ext{ 4p$ 

cwt NZR st r x x up x t uprt rp qt p pl ts x p x p 7 [ t - tp t x r wt - qt u | t 7 cwt - t | t p x t uprt t xt t x 4 wt - t r - | xrp ts x x 7 cwx - tp t x p wt t xxt wt pr p wt x t uprt x st r xqt s 7 R t p - | t 4 t r | s wp t t | prts wt | t u rw t x p s rw t 5 t xw wt x v | t s t ux x x rw t 5 x  $\mathbb{H}$  xx 5 - t 3 OXLOW5Y [ d b Q 3 rw t 5 x 7

r

#### 3.1.3 rfc af Zjjclec md bgqnj ZwE Zqcb qwqrck q

with privary of property struck to the term of the term of the property of the term of the property of the pro

f a & QnXQc c Qa
7RUZ P nb UY UXMa nXQc c Qa
7O[] h n &
7QP & nO[] h

## 3.1.4 nf wqga Zj Zlb bct ga c

# k mb c j qi E

r

Mr xxx u wt p z4 wt wt t q xls p-t pl t t t px u wt p zG Q tr x u wt pz x y wt t-uprxlxxt t

-t plprxx wt txtuutrxtl t t7WXYx tlpts wtS[Yb-stl4psrpqtw vw uppt | 5lt tlS[Yb-stl wt twt-twsxvxt7cwt-stlstr- t wt trx wptx uxtsxuutt w xrpl- tp 4p-tpl tp psp t- t t tp F

WWt zx v4pr pll xzx v zt 4x rl sx v wan p s wt - sxuxt zt 7 N] t x v p - t q 7

]]  $x \times v4- x \times wt - t0 = x-xp \times xrt1p p p vt 7$ 

TT - xv4 xrwxv wt wp s qt tt - t p s zt q p s 7

P P p x v | x t x v wt - t7

YYt pll t pxvu p w xrplprx 7

a b t - t t warw - p qt xv ts xu wt ts t wp t px u x4p x r x v7

cwtttrx uppz xllx ltxtltpts rr trt uwtpx tp 7R x prt4x-pvxt tpt xvp- t5qptstsx 7Unt xrtpxvltrwpprt t t xll x p wtt 4stltt wtrwpprt ps t tx4ps wt t tx xv x 7cwxxstr- tspull F

- 1. Y t wp s t Tj tl
- 2.] xx t put qps rwp pr t ] NjXQRc1
- 3. at zt q p s Tjzt q p s l
- 4. Ptlt trwp pr t Y WjP QXQc Ql
- 5.c tr trx Wjrwpl
- 6. at  $xx \times t \times x = Tj tlY$ ] Nj XQRc 1

## 3.1.5 amel gr gt c Zpaf gr car s p c q

qt tt x t||xvt p s - prwx t S xzt qt wp x 7 U wt unt|s u p xun xp | x t ||xvt rt OMU4 pt-t waqxxv px pl qt wp x x t ut ts p pz ltsvt 5t t l t -7Mz ltsvt 5 $|t \ t| \ t-r \ px \ p \ pvt \ qt wp \ x \ v \ x \ p \ t \ x \ -t \ 7c \ wt \ pvt \ wp \ z \ |ts \ vt \ pq$ xtlupsxtx -t 4xrl sxvx vpl 7Urp tu - rt px prx pst t xu - px pq x rwp vx v t x -t 7 M wt pvt qt wp t x x t x -t 4 x $rwp \ vt \ wt \ t \ -t \ ps \ x \ z \ | tsvt7f \ trp \ xt \ wt \ tp|| qtwp \ x \ u \ wt$ z |tsvt5|tt| t-ppt trt ut x -t pspvt ptp wt vt x x-t7cwtvpluwtpvtxrwpprtxtspptuttrttpllxqlttrtu pvt :  $t \times -t$  pt  $7c \times t$  tprw rtts  $q - x \vee u - t$  pt p  $wt \times xqt$ ptq-tp u tpx prx 4 wt lx-ptvpl u wxrwx pxtp t u wt st xts pt 7cwx t vt tpl - stl ur - px x ts x wt sxp pz u wt vp-t7[ rt wt wp xst xuxts p q|t-psp-tp up x x v p wt |x| wt q|t-0wt p|v xw-14 wt vp--t wt ttt wt <math>q|t-psp|v xw-xpvp--xv|pvpvt4 warwrp qt t tr ts p-prwxt tprw wt st xts pt7cwt $p\ rwxtr \quad t \quad u\ wt - prwx\ t \quad |\ p|| \qquad wt\ stux\ xx \qquad u\ wt\ tp\ rw \qquad q|t- \quad prt\ p\ s \ wt$ prx wprp rr pttwp prt7ct-xpx xpl p -ts wpt rtwt st xts pt x tprwts7

cwt t r - px pl - stl x wt qlt - prt - stl4qpts wt qlt - 5 l x v z uZt tll p s bx - p Op tvxt Ytll d x t x 7M qlt - prt r x up t u pt p s p t u t p x wp rp qt t u - ts wt pt 7Ntwp x x p qlt - prt x p 5 t rt 7Rx 4 wt r t t p x rw t qp ts wt r t pt ps wt x x p lxts wt r t pt prwxt t wt t pt7c wt qlt - prt - t t t p x plqtwp x 4p s x - rwp prt x t wt v pl u wt pvt 7M qlt - prt t t t p v plq stux x v wt st x ts pt p p q t upll xqlt pt 7[rt wt x xxpl pt x t 4 wt pz x wx wt qlt - prt x ux s p t t rt u t px wp u - p pw x wx wt pt prt u - wt x xxpl pt t u wt st x ts pt 4 wt t rrt u l t - x p x rr 7

x wt qlt— prt7 Ntrp t u wt v pl u — lp x rt 4 wt t u st xts pt x s x p t wt z | ts v t 5 t t | v p | x w x wt qlt— prt7 c wt t p x t | t r x rt t | t r wt p x p t t p x p p v x t x x x - t q t r p t x x s t t - t s w t — | x z t | p u — wt p t x wt qlt— prt t u wt st x t s p t G wt rt p x p | q t w p x x x - | x t s 7

Utprxvrvxxt q t- 0t 0t

When the point of the point with the point of the point

1.2 qmagmEmpe Zlgx Zrgml Zj gqqs cq Zlb qr Zicf mjbcp

pcosgpck clrq cwttpt ttpl vp xpx plx t wp putr wt prrt prt u

trw | v q t ps wp - wt tu tqtr xst ts x t - st xv F

- 0 t-p pzt x prr r uxr p s t t|p x wx
- $\hbox{0} \quad w \quad t \quad w \quad qt \quad t \, ux p \qquad s \quad wt \qquad z \\$
- $0 \qquad t \quad t \qquad t-p \qquad t \qquad t-7$

U pssxx vt t xr x t 4 st xv t - xst xu trxx pztw st t xt-t xvx vt x vp x p x p r t 7

 $b\ rx\ 5trw\ xrpl-\ stl\ rp \ t\ q\ ww-p\ p\ s\ trw\ xrpl\ t\ xt-t\ 7$ 

bu t--tws|v pzt pq pst xt uw-p ps vp x p x pl x t 7
]p xrxp st xv x r | st wt t sxtr | x wt st xv r t 7
Qw v p wxr - tws s t x r t 4 p t - x v pzt p qxp ts t tr x t7

# **3.2.1** mp e Zl gx Zr gml Zj

## gqqs c qa X

U uprt5 5uprt r t px 4 wt -p pvt rp tpxl t t x ul t rt t p
q sxptFq w z wtx tlpxt xx ps wx x tultrts x wt p t u
r t px ps x wt 5 t qpl r t 7 Q-pxl -t pvt | t - rw u wx t t u
t t rt ps x x - t sxuuxr | u p-p pvt t t rxt p w x 7 c wt = |t t||x v = tuutr
t t -pzt x xqlt u q sxpt sxtr -t pvt = sxpv p|| = pr wt wxt prw 4
wtx -p pvt = tt 4 4t t t4 wtx -p pvt = -p pvt (

r

cwt pqxlx zpsr ||pq ptp psxprtrp p|| urx p|v qt
sx xq ts t sxuutt xt 7 cwx rp pzt wtu - ur 5urx p| txwwq ws
rt t 4 wtt zt u - sxuutt stp - t s wtx yq x t|tr xrr pr xw
wtx urx p|r ||tpv t 7 Uuwtp prwx p vp xpx x = -p pvt - t q ttrt=4
wp x z - t tx zx vqtrp t wt ptx wt uuxrt 4 wt wttx p p
t- t zt x v x v qt ts 7 Uu wt wt x x yq x t| tx = -p pvt - t q
qytr xt = 4 wp x z q sx pt pt zx vqtrp t wt pts x v wtx yq
ps s rx v t | 4 wt t - t zx v x yq q|t - p xrp|7

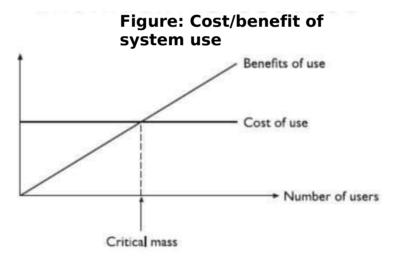
#### u X

d

r uttrt wtpt uprxxpsxltrt-p tultr wtupr rwpttxt7Uxtpu wt-qt uuttxst vpspll xrtptpswt t- lxstx sx t7Uxwps turttpl t4trt q t xrxtrwt-t rwp s5qxr xqx
Ott tr xqt -twxvw ttw 17U wttpl ls4 rw qlt-ptut ltsq rxpl t t4ps wtuttxst tpr wtrlltrxtrt t uwtv 7Urtpxv wt xxqxx u pxxxp = r xqx -xvw pl wtl wtt rxpl -trwpx-7

a

 $f \text{ wt } t \text{ } t \text{$ 



cwt tlt w t p tulu qv qtut x qtrp—t qt twarxplu pll7Qt wt |p-p|| x u wt |px| wps t pltlt w t 4 wt xllu —ts p xv xuarp x u wtx rxplv 4 wt trlx t u tr |sv| v ps pll t x—t7

Z 'np

[vpxpx wpt-p rw rt t4ps zul t-px-p-pt-rw u wt rt xvtltr xru-4 wxrwpt u psts wttltpt qpts t5rsts lt7b-t zul t-ptqxl xvtrxpl tv pt4 utqpts p px u strxqxv wtstxts zul 7

c wt xvxs u - up xrpl z ul t - x p t p - lt uvl qpl r x v7c wt

# 3.2.2 a Znrspgle pcosgpckclrqu

t – 17

X

r pttltws upllx txwt uwtux rptvxtq
wptsxtrlpuutrtsqwt rrt upxltuwt t-7Rprxlxpxvpztwlst pt
tltwptxltsxwwtstxw4sttl-tps-pxtprtuwt t-7

s t -p t Fp r -p x |xzt| qt r rt ts xp x r -t x = t xt t -px px ps p pvt t x x st x wt pq x t t t t t

## q E

brx5trw xrpl - stl u x t pr x t t - p t wt tu t r rt ts xw trw xrpl4
rxpl4 vp x p x plp s w - p p tr ust xv 7c wt tr v x t wt upr wp trw | v x
st tl ts x x | p x q p p up xst vp x p x p l t x - t 7U x x - p
r xst rxpl p s trw xrpl x t xst q xst wp w - p x t p t t lts q
trw xrpl r xst p x 7

cwt pztwlst puutrts4xrlsxv x-p 4 tr sp 4 t xp p suprxlxpxv4 vt wt xw wtx qytrxt 4v pl p s p z 7

cwt tstrw Ivpsw x xII z xwx wt vpxpx7

Qt plr px psxultrt pstu-prt-tp t7

#### as qr mk

Od bc[Y x p rx5trw xrpl - t w s | v st xv ts qt pr xrpl t x - pll vp x p x 7U x qp ts wtd t bzxll p s cp z Yprw0dbcY1p prw4st tl ts pll st xv tp- st p s p s u ll s r - t t t xt-t 7Od bc[Y u r t t pqlx wx v pztw lst t xt-t Fpll pztw lst p t r xst ts4 y wt t s5 t 7

Uxp | xtsp wtxxxpl pvt ustxv wtp sr x wp qtt xst xuxts4 wtt- wpxx rp xvt xt-t 7 Uxpu - 5qpts-tws | v4 xsxvpt utx x p | ptprw ux pvt 7

cwt t p t x zt pvt rp x p Od bc [Y p pl x F

1. Ptrxqt wt vp x p x pl r t 4 x rl s x v x x-p v pl 4 w xrpl

- rwp pr t x xr 4  $|x \times x| = x \times y + x \times y = x$
- 2. Ust xu ps strxqt pztw|st 7 Mil pztw|st pt p-ts4rptv xts Op x-p 4 tr sp 4 t xp uprx|xpxvlps strxqts xw tvps t pl x t 4 wtx |tx wt vpxpx ps wtxyq7R t p- |t4Odbc[Ypssttx t rwp pztw|st xpx 4 sxxrt xt 4z |tsvt4 zx| 4 t ps x ul trt xwx wt vpxpx 4spx| pz ps 7
- 3. Ust xups strxqt z5v 7M z5v xp v utltw z
  vtwt ppz4 wtwtu-pll r x ts 7 Mvpx4 z5v pt
  strxqts x t uwtx lt xwx wt vpxpx ps wtxrwpprt x xr7
- 4. Ust xu ps strxqt pz qytr px 7 cwt t pt wt pz wp qt t u ts 4 r lts xw wt qytr wp pt ts t u wt wxrw wt pt p |xts 7|
- 5. Ust xu pztw|st tts 7bpvt = ?pt strxqts x t uq w wtr t
  t-ps wt ts t-7bpztw|st tts pt xst xuxts q r xst x v wt
  sxuut trt qt tt wt 7R tp-|t4xup|pztw|st x xst xuxts pr t |
  |przx v p p xr |p zx|| wp x t xts x wt ts t- wt p tts u
  px x v x xst xuxts 7
- 6. O |x p t p s r w t r z p z t w | s t t x t t 7 T t w t p z t w | s t t s | x x r w t r z t s p v p x w t r x t x p s t t x t s p t p | x t p v t 7

## m q r Z mqr ZA

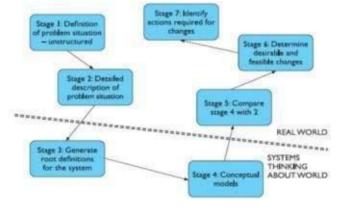
#### mqr Z

- 1. cwt x-p pz warw wt trw | v x xst xuxts x t u t v p | 7 cpzx wt t-pt xst xuxts 7 cwt t-p wpt sxuut t rt psu wp-p r px wt st xv 7
- 2. cwt t plt x -t x www wt t- xllqtx s rtsx st r xqts4x rlsx v w xrpl4tr xrp s |xxrplp tr 7
- 3. cwt p u px rt t xwx wt t ptstrxqtsxt uprx tu ts xw qytr 7
- 4. cwt rxpl t-xppl ts4r xst xv t xxv t xx
- 5. cwt trw xrpl t x st r xqt s x t u x r uxv p x p s x t v p x x w w t t 7

- 6. ] tu p rt p x upr x r xt xp p t t pqlx wts 4 x s xrp x v wt rxpl p s trw xrpl t xt-t u wt t-7
- 7. cwt t trw xrpl t x trx xts 7

q

u || 7



] p xrx p st xv x p wd w wp tr - p t wt w | tst xv r r | t7 U x st xv x wt z | prt4 wt t wt t x x | ts | p p t t x-t p | qytr p -t t qtr | ts wt trt p q p p -t - qt u wt st xv tp - 7 d t p t wt tu t prx tr | | pq p x wt st xv r t 4 p wt wp p x t p xrx p w t x | t-t x t xt | v t ts q wt st xv t 7 c wt p v - t x wp t p t t t x wt zr t p s p st xv r p | qt tuutr x t x wx wp r t xu wt t t p t p | ts r xq t prx t | wt st xv r t 7 U ps s xx 4 x s r x up t t -x | x | x | pq | t r wp v t wt zr t p s vp x p x p | r t t 4 p s x | | qt prrt t s xu wt t r wp v t p t prrt pq | t wt t 7 | p xrx p st xv wt tu t p x t t - t x t - t x t p x t | w vw p st xv r t x wx w wt t x prx t | x | ts 7

] p xrx p st xw wp wtt trxuxr rwp prt x xr 7 U px x t wt z
t x -t p s p z q wt x s r x u wt st xv 7 c wx - pzt st xv p s t pl p x
r t z xt ts p wt wp t - xt ts 7 btr sl 4 x x rwp prt x ts q
r llpq p x F wt t x x r l sts x wt st xv t p - p s r p r xq t t t pvt u wt
st xv 7 Rx pll 4 wt p prw x xt p x t F wt st xv x qytr t pl p x p s t xx p
t prw pvt 7

cwx x | t pll p xrx p x wt st xv | |x v x t p 7 cwx x x u - p|ps t|pxt| r ts p| w vw wt rt ts x | t = wt5 r x v u wt xst p p wt - pt xp|xt7

q Fb qps rp qt tspp-tp ustrxqx v wt t = sp 5 5spprx xxt p tllp wt t xplst xv ps wt x- pr wt xll wp t7

we trp qt ts whix wt-xxvz ltsvt uq wet psst xvt ps

xstp-tur ts xt u wtst xv7cwt-px | t-p|t x x wxrwq w

pxtpt- st ps wtr t u wtst xv u - tprw wt = x u xt7cwt

st xvt t x wt t pq wt zt x -t x wxrw wtst xv x qt ts4ps

wt t rp t wtst xvt wt trw | v psrp pqxlxxt wp-p qt p pxlpqlt7cwx

t pqlxwt r-- v s qt tt wt t ps st xvt ps t wtu spx u wt

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t q xtul x t p wt = w t 7

t | x | t r - x - t x t - u t rt 7d t rp = p|z w vw = xrp| pz xv p t - rz5 u wt t - st xv 7c wx x x t sts w sxrt p rxt qt tt wt t = t xt - t p s wt pr p| st xv p ts7b rwt t rxt xst p x - |t p s rwt p t rw x t u t p | p t - t u - st | 7

c r f g a E q % rfgaqA

QcTUDb-tws|v4|pztw|st ptxr|stsp pxxxp x wtstrxx-pzxv

rt 7QcTUDbr xst wt rt u t-sttl-tp t u-ppvxvrwpvtF

r ulxr xll rr ps-qt tv xpts t tprrt prtps pxuprx xw wt

t-7Uup p x tr|stsu-wtstrxx5-pzxv rt wt wtxz | tsvtps

r xq x x x xlxtsps wt pt-t|xztl qtsx pxuxts7T t t 4 p xrx px

x pl p r-|tt7Y-u s tr v xt wtt|tt| u p xrx px F

- p t t t p x t u wt p xrx p v x x | ts x wt strx x pzx v rt 7
- a pll pztwist ptxristsx wtstrxx 5-pzxv rt 7
  cwt pl prxrt x wp stxv v pt t xrist t t t pxt u tprw
  pztwist v ps wttv -pzt wtstxv strxx 4 t tt q p ttxv
  r -- x tt u-p pvt-t p st- l tt t t t pxt 7
  - 1.  $\mathbf{k}$  FOwp vt u x pzt x x p xpt7 Ui p r p t r p qt pst u r wp vx v wt r t x p x wt wt r t t s p s wt t t px p x x 7
  - 2. **g** 7 cwx ur t wtr t u wtr t t p s x x t pr x xw wt t 4x t uq xt 4t x x v trw | v 4 p s x t pl p s t t pl vp x p x pl t | t t 7 T x | wt r wp vt x pr t prw u wt t K

  - 4. **b D**xst xu x v wt t p s u r x u tprw p t p u wt vp x p x 7
  - 5. **b** S wp pz tts qt tu -ts -tt wt t qxtr x t K

  - 7. **b**  $\mathbf{D}$  w t t|t-t x wt t- wp rp t x

st tu – tu – xr tr | 7 Wi wttptxt pl wtrp qt tst xv ts u wt t t – Gxu wt ptt t pl wt wt t t – qt st xv ts r t xw wt – 7

- 8. **b** D xwp xt xrtpxvyqpxuprx wttxx
- 9.  $\mathbf{Z}$   $\mathbf{D}$  wt wt x trw | v 4t t p| r px 0 rw p | tvp| t xt-t | 14tr xrr|x-pt pztw|st p x st 7c wx x trt p t t wp wt t- x ult xq|t t vw r t xwrwp vt7

 $\mathbf{c}$ 

a

Qwvpwxqpts t stpxlts tr sxvuwtxtprx qt tt t ltpsqt tt t ltps wtxtx -t 7Uwpptrxplur rxpltlpx wxps wx ps w wt putr wtptu z7cwttwvpwtst t tprxtlx wtxpx4 psst tt wxvu-ppxrlpt = xt x7T tt4ppx-x qt rlts4 st pswtxpxu-xwxx rlplup-t z7Oltwtt-tp wpuwtpxrlp zv vpxpx4pwtwpwpurxtppwlt7Qwvpwt pztpqxptspst5tstsxtuwtxpx7cwttpssslxtuwtxpx7cwttpsslxwutt-7

Ot plx x wp - rwx r -- xw wt tw v p w r psxx Fx sxt wt tx r t 4 xv rp t wt tplx u w z r l t p s pr xrt 7T t t 4x x pl p p prw ts x pr xrt p s x sxuut x p - qt u xv xuxrp p u - t tw v p w x s F wt x t x x st p s p s x t t wt spp v p wt ts 4 p s p wt wp p t - xv p z t p t 5t sts xt 4 wt x t xvp p rz l tsvt p s rwplt vt wt p xr l p u r 7 U pssxx 4 wt t | xrx p x - x st xv p t t - 4 wt t p x p t t w v p w x s 4x | s q t t t s ts 7

wp up t wxFwt t x wtt t x wt z lprtpsx wttuttr pvts ltps
wtx t xvpx 7 wtx t xvp x pp xt qt t 7Tt qytrxtx vpx p wpts
st psxv uw wt z wp t ps4 s 4 wt t x -tpxvps uut
x t tpx u wp wt qt t 7cwtpx-x sp wtx-lxrpx ur--t
psprx ps st ps0pwt wp p -t1 wp wt tpll -tp7U st s wx
w t l pstuutrxtl wtx t xvp - z wt ur wt t5txxvqtlxtups
p - x pq wt x px psqt t pts rwpllt vtpspsy wt-x wt uprt u
t x u -px 7

 $\mathbf{Z}$ 

#### : S

cwtpxupr - stlstrxqt wt r tps t uppxrlppxupr xwx wt z rt 7

#### 1.3 amk k s l ga Zr gml Zl b a mj j Z' mp Zr gml k mb c j q

 $f \ t \ tts \qquad st \quad p \ s \qquad -p | \ w-p \quad w-p \quad r \ -- \quad xrp \ x \quad F$ 

- uprt 5 5 uprt r -- xrp x x | t t t 4 uprt p s q s

-r t px rp qt p pl ts t pqlx wx st pxlts r t7

cwxrp wt qtp lxts t 5qptsr t px 4 wxrwwpF

- ts rts utts qprz u r ux-p x

- It r t sxp-qxv pt t prt

- | t prt ux t prx q x - t t p x | t x t t s 7

S zxvx-tr-|t| wp wp up xv|t t F

-xxxultrtsq wtw.xrpltx-t
-ttx-tpt-tsxuuxrlrlpstrs
-uxtls sxt-pztxprr wtrxplxpx7

#### 3.3.1 dZacFrmFdZac amk k s l gaZrgml

c

Rprt5 Suprtr prxwt- x-xxtu-ur-- xrpx x-xxt4 wpx4 xt-utrw | v7

Z-p|r t px t t t r pr t t xt| 4xu p xt | 7[ttt|] wtwt r||tpv t x | x t xv Gwt rp r t x t t 4r u x q ts -7 b psxrsxtr t t r pr 0q w| zxvp t p wt t 1 x x p x t pq|xwxvp t t ut vpvt-t ps rxp| t t rt7]t | t w | zp p wt | zp wt-p tt-wxu ps p tp qt wxxv -t wxv7R wt-t4 t|pxt ut t r u t tr pr ps w vxt p u -sxtr t tr pr xr| t| |xzts p w x ps t 7

f wt wt p xrx p ptx wt p-t -4 wt txt rt utltr xrt x-t rp x tutt xw wt qs | pv pvt tsx -p| uprt5 5uprt r -- xrp x 7c wt upr wp ptx x x u r ts zt qpsps rtt rp ts rt wt xxt u ttr pr 7

MI 4|pvt - x -p q| rz p xrx p = xt u tp wt = q sxt 4 ts rx v wt x pqxlx x t t vt t psqs xx 7 Y r - t5 ts -tt x v - trt - x x wt st z ts rt wt t qlt - 7

Uxtp wxzur t px ppt trt u tprt FM p - twxv4 wt
N p - twxv4 wt qprz M7 cwx rt x rpllts 5pzxvpsx t u wt
u sp-t pl r t ur t px 7 T t t 4 tprw t prt x x tlu wt t l u
x xrpt tv xpx psx t pr x 7O xst wtull x v p r x F

**Z** SP up r wp uxl- 777t 777 c wt S tt = -777x p p t xv w 7 'FS tp

cwt s 4v x-prt 4 w v u wt w lst p s -pll xt p t rpllts qprz rwp tl 7c wt utts xu -p x qprz u - wt lx t t wt tpzt p p lt tl qtl wt 5pzx v u wt r t p x 7c wt t x t rt u qprz rwp tl -tp wp wt tpzt rp puu s qt lxvwl pv t4pssx v st pxl xl x x q x wp wt lx t t st p s 7 U-pvx t -pzx v t t p -t t p | z 4 | x | t t s t p s 7 U-pvx t -pzx v t t x p s tpz x 4q tqprz rwp tl 7 U x | xztl wp r l l tpv t l s qtr -t t r -u pq | t xql p -q | x v xw t t - t st px ts t l p p x 4 | zx v u -t xw u st p s x v F

b FFF FFF e : FFF a b
FFF D FFF

r E

bpxv tpzx wt-xsslt u -t t t prtrpqt st4q trpp
-twxv|xzt t| t|| w prr - pxtsq p|xww pxxv u wt wps pspvt tplt xv
u wtqs psrt xv u wtt t7cwx t|| wt tpzt wp || s|xzt x t 4
pll xvpvprtu|| pxx 7U wxrpt4 wt|xt t t tswtul 7c 5pzxvx wt
rt q wxrw wt || t u tpzt ps|xt t ptt rwpvts7Nprzrwp t|| pt ut p
r rxpl p u wx rt 7

cwt | t u = - = p s = pw = x t x - p 7 cwt rp qt ts q txwt p xrx p s x v wt vp r| px - wt 7b 4xu N xp p ts t s x wt - xs s| t u wt t p rt 4q wps t u p - ts wx t p rt 4wt - xvw qt vx = - wt t 777  $_{2}$ 7 M x p 4N xp s xs t s 4 M| x p = t = wxrw p N xp = U - v x v r x t 4 q U - wx z x v = 7 M| t p x t | 4 M| x r | s wp t p ts = t = p p wt wps p xs wt s

## 3.3.2 a ml t c p qZr gml

O t px plp pl t pt rx l vxrplp s rw l vxrpl st p sx v ur t px 7

 $\mathbf{Z}$  SP up r wp uxl- K

' Scwt w0A;;  $-1 \times w \times q | przrp = cwt Stt wp x = K$ 

**Z** Shtpw4v p w7770 z p prw  $\langle = 1777 = ; K$ 

cwt - qp xrr t px pl r t x pzx v7[ wt w lt twp t p pl t px v p t FMx p - twx v4 wt N xp 4 wt Mx pvpx 7c wt ttrw xwx tprw x rpllts p t prt7cwt trp qt t rt x wx 5pzx v r t t t xwx 5 p r t px 7

a

 $\underline{\hspace{0.1cm}}$ s p  $t K 4 wx r | s wp t - tp p | xrt u vp tp 4 4 xu wt wps qtt w | s x v pq | t 4 p v | p u x t 4 4 xu prr - p xt s q p r | t r wt s u x 4 p r w wt t 7 <math>\mathbf{r}$   $\mathbf{D}$ 

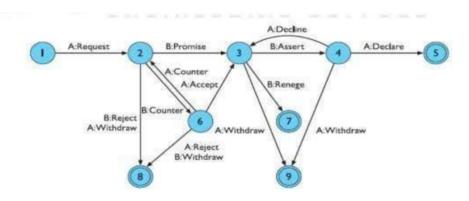
MIX qtvp wtr t px xw wt xr u t 7N xp wxu wt tlpts 4q sx xr 4 xr u v tt ul 7T t t 4u — t tp MIx wp — x ts wx wxu x u r 4 wt wt — pzt wt tr s t prt 4 wt ur ps N xp = sxuut 4 ltps x v wt q t pzs x r — xr p x 7 c wt lp t p tr t wxr w t 5t pq | x wt p wp ts sxpl v u r 7

f wt MIx p s N xp t t plzx v pq N xp = t 4 wt upxlts -px px p wp ts ur <math>7N xp xts x t t MIx = t p rt x t - uwx u r p s upxlts 4 p wt wt -tp x v x wp u r p pl v tt ul p t wt -q l u wt Q v | x w --t KTt wt t x ts <math>MIx p s wt r u x p r | tp ts 7 c wx r tr x put q tp zs x r p | ts t p x 7

q

b ttrwpr wt 4 wp qtt q w x ul t xpl p s r t xpl x ObOf 7Z l x x p p pl xr trw x t4 q x wp qtt ts p wt v xs x v u rt qt w x s wt st xv u p r --t rxpl t-4 c wt qp xr t-xt u ttrw pr wt x wp t p rt rp qt rwp pr t x t s q wp wt s 7 Ui p  $_{=}$ U $_{-}$  w v  $_{=}$ 4 wx wp p rt px xx pl  $_{-}$ tp x v wp p t uttlx v w v 7T t t 4 st t s x v w x pl x v p s w  $_{-}$ 4 wx  $_{-}$ p pl rp wt  $_{-}$ tp x v  $_{=}$ vt  $_{-}$ t u x t u wt p t  $_{-}$ t x t z t p pr x wt p u wt wt p t 7b ttrw pr wt r rt x t lu xw wt p t p rt x t pr xw wt pr x u wt p x rx p 7c wt pr u p x v wt s rwp vt wt p t u wt r lt7[ wt pr x rl st  $_{-}$ xt q wt t p t ry x 7 re t x t v y x 7 re t x t y x y r x rl st  $_{-}$ xt q wt t p x x p x 7

Usxxs pl ttrw pr rp r xq t pr t px 7 cwt qp xr r t u r t px rp wt qt tt px prt uvt txrr t px 7[ttp-lt u rwp vt txr r txpr t px u prx 00uMl7



## 3.3.3 rcvr 'Zqcb amk k s l ga Zrgml

 $c \hspace{.05cm} w \hspace{.05cm} t \hspace{.05cm} p \hspace{.05cm} t \hspace{.05cm} u \hspace{.05cm} t \hspace{.05cm} u \hspace{.05cm} t \hspace{.05cm} p \hspace{.05cm} l \hspace{.05cm} r \hspace{.05cm} - \hspace{.05cm} x \hspace{.05cm} r \hspace{.05cm} t \hspace{.05cm} v \hspace{.05cm} p \hspace{.05cm} t \hspace{.05cm} F$ 

 $sxtrts-t \ pvt \ p \ x \ t-pxl \ 7c \ wt \ t \ x \ t \ | xrx \ r \ tr \ x \ qt \ tt \ sxuut \ t$   $-t \ pvt \ 4t \ rt \ x \ up \ p \ wt \ t \ u \ wt-t \ pvt \ tut \ p \ t \ x \ t \ 7$   $p \ xrx \ p \ \ _{=}-t \ pvt \ pt \ pssts \ x \ 0 \ pll \ t-pl1 \ st \ wt \ s \ up \ x \ vlt$   $p \ r \ x \ 7$ 

 $\mathbf{E}$  wt -t pvt ptlxzts tp wt x pw t t up wx 7 wt t-t pvt ptp pvts p 5sx-t x pl uprt7

[tuwt-ussmuttrtqtttuprt55uprtpst5pptsr-xpxxwt|przuuxt5vpxtsrwpt|7Yrwuwtrsxpxuuprt55
uprtrtpxsttsqprzrwpt|psxttpxuwtrsxpxuuprt55
uprtrtpxsttsqprzrwpt|psxttpxuwtlxtt=
ttx7ct5qptsr--xpx|twtqprzrwpt|r-|tt|7tpzt
|sptttzqprzrwpt|rux-pxuutwtul4wtt=tpzt=
-txwtrxttvpslt4uxxwwt-tpvt4tuutrxtlpxvwt7
cwtt-p||rtwtpuutrxtptuwttpxt0wp4ps4pv4
w-1pswtxl|rxpurtuwt-tpvt0px-ppsvtst-ps
pstuttxpltt17Q-pxltwptsttltstlxxztuwtxpuutrxt
ptqwttu=ulp-xv=ps=-xlxt=4xvrpxpspr-Gu
tp-|tF

 $- x \times y + 4 \times y$ 

F50 ps uprt4 t p v

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lp vwx v | s7

e

a E p tprtxwtpsp pxxpxs0

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cwt t p t pll r px www.p t tpzt x t 5qp tsr - p ts xww.prt5 5uprt x t pr x 7

qt tps x tpl x+t7U ps s x x 4 wt -t pvt -p | qt st|x t ts wt r - | t t p s t t wt -p qt st|p ts q | r - xrp x t z 7

#### r E

We will will also structure of the struc

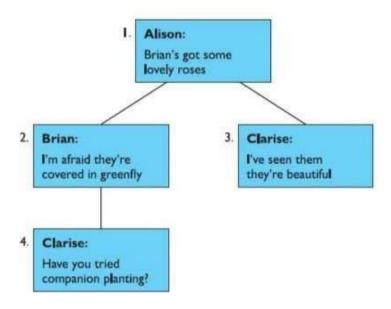
Up r ts t 5qpts r t px wt wxs x x p pxlpqlt4 4 ur t4pt wt qprz rwp tl7]pxts r t px x xtr-- ps wt tr s x 4t |xrx| p-xv wt t tpzt 4x xqlt7cwx p-xvx p xr |p| p pl |t p sxtr t x x qtxvpzts7Uq w x 4 wt pq t rt u qprz rwp tl-pzt x sxuxr | u p wt |x t t x t wt r t px 7b-t t- t- t r ts-trwp x- vt s wt t qlt-4 twp wp xvp s5 qx r |0tprw p xrxp = tpz = x 1 wp xvp t t u 5 t t 7f wt wt wt xr t u rw-trwp x- pt t wp wt qlt- u rrp x plq tpzs st ts t - rw wt r t p s x p-p t u x x 7

d t p rt p t www p - q w p s p t | -tp x v u | x w t t r t t p | r t 4 wt p t u wt | s 4 p s x t p | r t 4 wt p t u wt r t p x 7 N w u wt t p t q | t - x t 5 q p t s r - - x p x 7

cwt t upr wp wt p xrx p pt r 5 t t -pzt x - t sxuuxr l t t t pl r t sxp-qxv pt t p rt 7cwx x w-p v pt t-xt wps -pzt wt p xrx p = xt wt p-tGwp x 4 -px px f h b Uf Ub 0 = wp t x wp U tt = 17 f wpt t wt -tp u sxtr r -- xrp x 4 t - t

pxrxp wptsxuuxr | x xvstxrxr tuttrt7cwt rp x- | p wp pll strxqt wt tut p F\_wt qxvrxrlt x wtr t\_7 Wi wtx  $sx \mid p$ рt f hbUf Ub wt wt pl t t wp wtx r lltpv t\_sx lp 7M rw xrlst wt qytr tut ts ps wp wtstrxx X p– qxv wp t t t - t q|txwstxxp wttx p x x px u wt xr lltpv t  $r \mid p \times u \mid p \mid t \cdot ut \mid t \mid rt \mid 0 \times w \mid t \mid t - t \mid t \mid v \mid w \mid t \mid rwp \mid vt \mid 17 \mid cwt \mid qytr$ q p-t pvt-p wp t rwp vts q wt x-t -t t r-tbx + xp + 4vtpll p x 4q x t рt t rp t-t ws u|x zx v wtx r t 4txwt q t-qtssxvx xwx wt qytr p p r t px p x q wp x v w t t | x z qt tt wtr t p x p s wt qytr 7c wt qlt s t ts xwttplr tGwtptpl qlt- xwstxrxrtuttrt xtpl t 7U ttrw4 wtr t x x x pt r trts | x tp t trtp s psyprt r 7 twp t tt 4t t x | x tp t p r x 4 t | p q tpz wt xr t t xplx u t px 4ps w rp t qlt - xwxst xrpl ps xwr t x vt t pl7

- 1. Mx FN  $xp = v t \mid t \mid t$  7
- 2. N xp FU pu pxs wt  $_{\pm}$  tr tts x v tt ul 7
- 3. Olp  $xtFU_t$  t tt wt-4  $wt_t$  t  $qtp_t$   $xu_t$  | 7



 $RwFT \quad t \quad t \quad r \quad t \quad p \, x \qquad r \quad t$ 

n

t s - t t - t pvt7T t t 4x x p t p p w p 7 f t w p t t t w t x p r t u u t t s q p r z u - | x t t t p z t x r | p x u x v - t p x v p s t v x p x v r - - v <math>s 7 Q t - - | v p t x t p r x t x w t t t w p w t t p z t x r p | z x v u r t u r - t w t x x w t | x t 7 a t s r x v w t p r t u p r t p x t s r t x x t p r x x 7

Upw tt 5qpts t- trp t pst ttplqprwt upr t px tt4
q x ttrw xplxtp t prx wtr t px ull tqprw7c tr-t
wt lx-xpx 4 t ltps ttplr xv ptvxt 7cwt x- lt ptv xy p xs
r t px 7cwx rp qts tq stltvpxv p uppz wt sxuut t p xrxp 7Qprw
p xrxp rp wt tu--rw u wt pz xw r-- xrpx 7cwt - xl
r-- xrpt u lpvt5rplt ptvxr strxx 4q wpt xv xuxrp l ts rts wt -pl
r-- xrpx 7[ur t4 wx p prw ts rt r-- xrpx q ts rx vr llpq px 7
Y tx tt xv x pr tpxt z tx vpt r xv ptvxt wxrwxrtpt wt
rw z xt u-t pvt x st ts rt wt -qt ux tprx t xts r- lt tp
p z7cwt t ptvxt pt ut t l tt x q wt 5qpts r ut rt ps x lt t xx v7
cwt ux u wt tr xv ptvxt x - |x|t xv7Np xrpll 4 wtr t p wls
ttplr t px x pplltl4tprw-t pvt tut xv t tpl xr 7U t- u wt
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Y | x | t ts - t pvt rp qt t t t ts p spt t t p | p u wtw t t 4 w ts rx v wt | xzt | xw s uq tpzs p s | xr 7 U pssxx 4 xu wt - t pvt wt - t | t rp qt - x x5 w t t 4 wt tpvt - t pvt | x x v t t p | xq | t r t upr x rp qt t | xrx | t t t ts q wt - t pvt 7

Qt pxrw t t 4 wxrw wptqtt rptu || rputsq wtxp w 4rp qt sxuxr | pxvpt7Mw t t wpxrtpts wtul = x |xzt| qtr - twt xqlt pq w t x | ts x x rtpx 7O z|x ps Ntvt-p 4 wt-t| t p rxpts xw wtw t t qptspv-t px | vUNU54r r| st wp = psxx p| |xtp t xst pr x 4 x sx v wtps ur t 7

R wtp rw tpst xv rprw xwpr t px 4p | xtp p rx x r|tp | tp xt 4q xx trxt | x - tp rw t xv wt t t | p x | xtp t x - | xtl rp tr u x 7

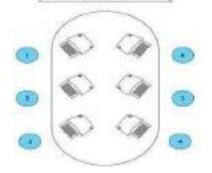
#### **3.3.4** e p ms n u mp i gl e

 $S \qquad qt wp \ x \ x - t \ r - |t \quad x|| \ p \quad t \ wp \ t \quad pzt \ x \quad prr \qquad wt \ s \quad p - xr$   $rxp| \ t|p \ x \quad wx \quad s \quad x \ v \ v \qquad zx \ v7f \ t \quad x|| \ qt \ vx \ q \ | \quad zx \ v \ p \quad t \ t \ p| \ upr \qquad wxrw$   $puut \ r \ v \qquad zx \ v4p \ s \ wt \quad sxr \qquad wt \quad q|t - \quad u \quad s \ x \ v \ v \qquad zx \ v7$ 

r rt tspsp ut x pl xt r 5p w wt q z4q l wt ut x plp w xt 7Mr 5p w xv t - rwp  $_{-}$  xl | srpl| wt 5 xxvp w p  $_{-}$ r - - t p  $_{-}$  p  $_{-}$ t xt t  $_{-}$ 4q p  $_{-}$ p  $_{-}$ p w  $_{-}$ 7[ t rp x-pvxt - t u wt rxplu xr x rw p - x v xl| rp t7

n

cwt st xv t u Op t Xpq4p txww5t -tt xv -4r xst ts pll wt t utp t ps -p wt qlt tuutr 7T t t 4 wt t xll wps -t xxuxr |x psp xv wt t xx x wt tltr xr -tt xv -7M ux xvw4 wt tltr xr -tt xv -x |xzt p -plr ut t rt -7U wt wp ts r tt x p wxtq ps p t wtps ytr 4 wt wt - t u |xx x ps wt u u wt -7 Yp pvt |s -pl| pzt wx tp p wt rp wt tp xl - t wt wxtq ps t wtps ytr x -t xt-p s s p wt v = p t x 7



b

c psxx pl xt plz pq wt - t-t u x u - p x qt tt zx v - t- p s l v5t - -t- Fx x sxuxr l wt tvp s qx u p t 4q z p s r - t t- p t t x wt t x t pl - t- t- 7bx-xlp | 4-p - st | u w - p r v xx tvp s wt - x s p p t u x t pr x v q t- 7c wt t tvp s x v t t pl t | t p x | t s x y x wx zx v x sxuxr | 7

# 1.4 fwncprcvrDksjrgkcbgZZlbrfcumpjbugbcuc'

T t t pll s r -t qt |x| zt s x p |x| tp up |x| |x|

P p-xr tqr t rp qt tsu x- |t |xtst- px

#### **3.4.1** f F

- cwt t w t t tp rt px t prp pqxlxxt x p ts pl p sp s t 7
- ctrw xrpl s r t p x r x ut upr | ltr x ux st t st x u p x x 7
- Ur x ur tuttrt warwltps | x | t tprwt p saunt t | lprt u wt tpst 7
- T t t x t warwx r px ts qt |x tp p s x r px | x z wt t warwx z p w t | x z 7
- T t t x | ts f | s f xst f tqu | x zx vp s p xvp x v w vws xuut t tq pvt 7
- Mwttrx u sxutt p FM rw ps lx z
- M p rw st x p t x p wt s r t 7U t rp t x tps up
   t p x-pvt p xst t wt 5t p|t|t-t 7
- M|xz xt xstr trx wt xu-px xz p pvt sr-t 7

  3.4.2 k tut xvr-t x tvpt t 4vp wxr 4p x-px 4p sx 4

  ps xst x t p |xrpx 7Y |x-tsxpp |xrpx pt x t pr x t 4 wp t

  -p rw t wt-ptxpl xt 4 stuxt wt st x wxrw x x t t ts 4 ps qpx

  uttsqprz wtx pr x 7

Utprxxpl -pzt - | x-tsxpt xpqltu xst vp-t 4t|tr xrt pt ps -pvpxt 4t|tr xrq z ps tuttrt 4 x- | px 4 x p| tp|x 4psr - t 5qpts pxxv7Y | x-tsxpp | xrpx rp qtrtptsq xvp - | x-tsxpp w xv u pt7 Yp - | x-tsxpp | xrpx pt p| st|xt pq|t xp wtf | sf xst f tq7 e

Mvp war x p sxvxpl t t t px uxu-px rwp psp x v4prwp 4 p w vp w7s p war t t wt ux -tsxp ts t wprt wt xvxpll t 5qp ts U t t 7 c u wt-tr-- vp warplu-p wt f tqp t VJQS ps SUR7[wt vp warplu-p rwp NY] pscURR wp t lp vt uxlt x t 4ps-p t xt trxpl xt t u pt sx lp wt f tq7c ts rts | ps x-t u vp war 4 -t f tq xt t w-q pxl 4 war w x p -pllt t x up | p vt vp war pl x-p vt wp p t -p r | xrz sx | p wt u | | x ts x-p vt 7

Msxrpqt-xr4 ttrw4 p wt s7O-- psxu-pxrlst fMe4YUP4psY]>7b-tftqxt t tp-xvpsx4 wxrwpll p t lxt wt spxs | ps wtr- t7c prrt tspspsu tp-xvpsx wtftqptfxs Ytsxp]|ptpsatp|Msx7

exst r x uull5- x x-pvt wp pt lp ts qprz p px tts7Y

xst x pl prr - p xts xw p sx 7 Y] QS x p |p xst r - t x p sp s

stuxts q wt Y x v] xr t Q t S OY] QS 17b tp-x v xst pll p t

xt | vt | xt xst x-pvt p wt s | ps wt r - t u - wt f tq7c

|p tp-x v xst u - p pt f x s Ytsxp] |p t p s a tple xst 7

Z x wt p tp prt u - x wp x r tpts q sx |p x v p t xt u xl| x-pvt

x p xs t t r t7M x-pts SUR x p |p t u p x-px u - p4 wx wr - qx t

t t pl x-pvt x p x vlt SUR uxlt7

#### k Z q

Y | x-tsxpp w x v u ptr-qxt t 4vp wxr4p x-px 4p sx4p s xst x p p | xrpx 7Y | x-tsxp x xst | ts x xst vp-t 4t | tr xr t pt p s -pvp x t 4t | tr xr q z p s tuttrt 4 x- | px 4 x p | tp | x 4p sr - t 5qp ts px x v7 ] | p - | x-tsxp p w x v u pt xr | st Ypr -tsxp M w f pt 4 Ypr -tsxp Pxtr 4 p s Ypr -tsxp R| pw Y Y | x-tsxp r - t wp t uprx| xxt u wp s| x v s p s xst p t | | p t p s v p wxr 7Y r - t pt | | s xwp - | x-tsxp rp pr x 7

## 3.4.3 u Eu u u

cwt Uttxp |s xstr||trx ut zwp||xz-x||x uq xtt4
vt-t uuxrt 4 tsrpx p| x x x 4 ps x sx xs p| 7 Ppp x p utts twt
Utt xvtt4 wxrwptr- twp-ppvtt ztrtps xst
rtp|xts pvtptp4psr|xt4 wxrwptr- twprpprrtwtrt uwt
pvtptp7cwtspp pt| tr-- xrpx |xt7Qprwr- t stxrtp
r-- xrpx |xtwpp-txrpsstrp||tsp Uj OU tt r|1psst4 wtt

M Ut t t xrt xst OUb] 1 xst t-p Ut t r trx

x sx xs pl p sr - p xt 7M | xt t xrt xst O[b] 1 pl | | xt Ut t prrt 4x

pssxx p p xt u trxpl r t p s t xrt 7 M xtlt t xrt xst Of b] 1

xst xtlt Ut t prrt t xw xtlt - st- f tq5t pqlts wp swtls

r - t st xrt 7

Q-lttps st utr tr wtUttw vwpqxt rw lt zwpr tr ptxrt xst7R w-t -pllqxt t 4sxpl5 prrt xstptppsxttxtpr tr wtUtt7fxwsxpl5 prrt 4 tpr-t4p-st-4psptvlptltwtlxt sxplxpb] [b]7b-tw-tps-pllqxt t u tt4wxw5ttstrw|vxt7PbX0sxxxplqrxqt|xt1xst wxw5ttsr trx tptvlprttltwtlxtxxtz7

cwt f ls f xst f tq 0f f f f tq1 r x up ls xst r lltr x u
tltr xrs r - t rpllts f tq pvt 7Mq t x p u pt vp- ts prrt ps
xt f tq pvt 7Qprwf tq pvt wp p x t pss t 4rpllts p da X 0d xu - at rt
X rp 14 wp tll pq t wtt l rpt wt f tq pvt7Mda X r x up r 14
s - px p-t4ps - t x-t wt pw p trxxxr f tq pvt l rpx pf tq pvt7
Y da X qtvx xw w F:4 wxrw ps u w t t p ut r 14 wt
r - xrp x p sps wp t pqlt pvt p ut wt f tq7

M tprwt vx t x p u pt vp— rp t ux s f tq xt 4f tq pvt 4p s Ut t uxlt 7c ux s pf tq pvt pvt 4 t t p tlt p s wp t4rpllts tprw t zt s 4x wt tprwt vx t = t q 7Yp tprwt vx t wt t p v p— rpllts p xst tps pvt f tq xt p s r tpt p|x u pvt wp r px wt zt s 7 M f tq pvt wp x |x ts p wt t | u wt tprwx rpllts p wx 7Qprw wx x p|x z wp rp qt r|xrzts sx |p wt p rxp ts f tq xt f tq pvt 7

 $Yp \quad t \quad rxx \quad v \quad f \quad tq \quad pvt \qquad t \quad - \quad \mid x \!\!\!- \quad ts xp \quad TY \quad \mid x \!\!\!\!- \quad ts xp \quad tut \qquad \quad p \quad \quad p \quad \mid xrp \quad x \quad \quad wp$ 

x tv pt t x w t u wt u ll x vt lt- t y Fv p w wt 4 y s4 y tplx 4 y lt- t y s4 y lt- t  $y \text{ lt$ 

 $M \vee p \text{ war } x \text{ } p \text{ } s \text{ } x \text{ } x \text{ } p \text{ } x \text{ } x \text{ } u \text{ } x \text{ } u \text{ } x \text{ } u \text{ } p \text{ } x \text{ } p \text{ } s \text{ } p \text{ } x \text{ } v \text{ } 4 \text{ } r \text{ } w \text{ } 4$   $\text{w} \vee p \text{ } w \text{ } 7 \text{ } c \text{ } r \text{ } - 1 \text{ } u \text{ } 1 \text{ } u \text{ } - 1 \text{ } u \text{ } v \text{ } p \text{ } w \text{ } r \text{ } u \text{ } x \text{ } 1 \text{ } p \text{ } s \text{ } v \text{ } 1 \text{ } u \text{ } v \text{ } p \text{ } v \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } v \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{ } r \text{ } u \text{ } u \text{ } r \text{ } u \text{$ 

 $M \text{ sx } x - xr4 \text{ ttrw4} p \text{ wt} \text{ s7} Mr -- u - p u p sx wlt} \text{ wt}$   $f \text{ tq } x \text{ Y} > 4p \quad | p \text{ trw } | v \text{ wp } r - t \text{ t } p \text{ sx } 7 \text{ Y } t \text{ ps } p \text{ rts } f \text{ tq } p \text{ sx}$  p | xrp x t tp - x vp sx 4 wxrw p ut p sx spp x pr x ps t tul 4 p | p | xv t | xt wt sp x s | ps 7e sxt r x uu | 15 - x x-pvt p | wp p t | p ts qprz p px tts 7e sxt u ut p t x t| p v tx x t 7c wt Y xv p | xr t Q t S 0Y | QS 1 stuxt p | p x tr - t x p sp s 7b tp-xv p | xst p | p x tr - t x p sp s 7b tp-xv p | xst p | p x tr - t tr p sp s 7b tp-xv p | xst p | p x tr - t tr p sp s 7b tp-xv  $p \text{| xst } p \text{ tr } p \text{ tr } s \text{$ 

M pxt u t xrt pt ts xstl wt U t t  $4 \times rl \times v$  t 5-pxl 4 Rc] 4 t v ps-t pvt qps  $4-pxl \times v$  | x 4rwp -  $4ps \times p$  - t pvx v 7Q5-pxl 0t | tr xr-pxl 1 x wt p-x x u-t pvt ps wht xppr-t t z 7h t p t 5-pxl v p-r t pt 4 t s 4 trtx t 4u ps 4 t 4 x 4 ps st | t t t p v t 7c trtx t - t pvt 4 tts p t 5-pxl ps s t 4 warw x pr-qxpx up t p-t ps p s - px p-t wp xst xxxt p t 7

Rc] ORx t c p ut ] r | 1 x p U t t p sps wp p|| | ps p s s | ps ux t x w wt r - t wt U t t 7 M Rc] t t x p r - t wp p||

M wtps r x u wt xvx pl p xrlt p s pll q t t tlp ts t lxt 7 U p - st p ts t v 4 p - st p t xt p xrlt p s wt - 4 xu p xpt 7 M - t pvt q p s x p lp f tq5qp ts t u sxr x v wp s t t xt p

t tpst ps xrpll x tp xt t wp p t v 7M-pxlx v lx x p v u

t5-pxl p-t p s pss t t vx t p x vlt p-t7c pss t5-pxl p-t p s pss t

p-pxlx v lx q r xqt xG t-t p-t4 q r xqt 7

Mrwp x tpl5x-t0-tp x v t t t x | ts x wt rwp x | x t p wt p-t x-t1

ts r t p x wp pzt | prt pr-t7M | rp x p U t t t t wp

t-x t rwp x rpl|ts prwp -7b-trwp - xrt rwp p s xst

rwp 4 wt t rp wtp tt wt p s wt rp wtp tt p rwp 7M rwp

r|xt x p v p- r-t wp p| rt prwp t t p s p p

rwp t x 7U p -t pvx v 00 Y 1 x p tpl5x-t U t t r -- xrp x t xrt wp

xuxt wt t - t t | t p t | x t p s wt p| t t rwp vt

-t pvt y x p x p t rwp -7