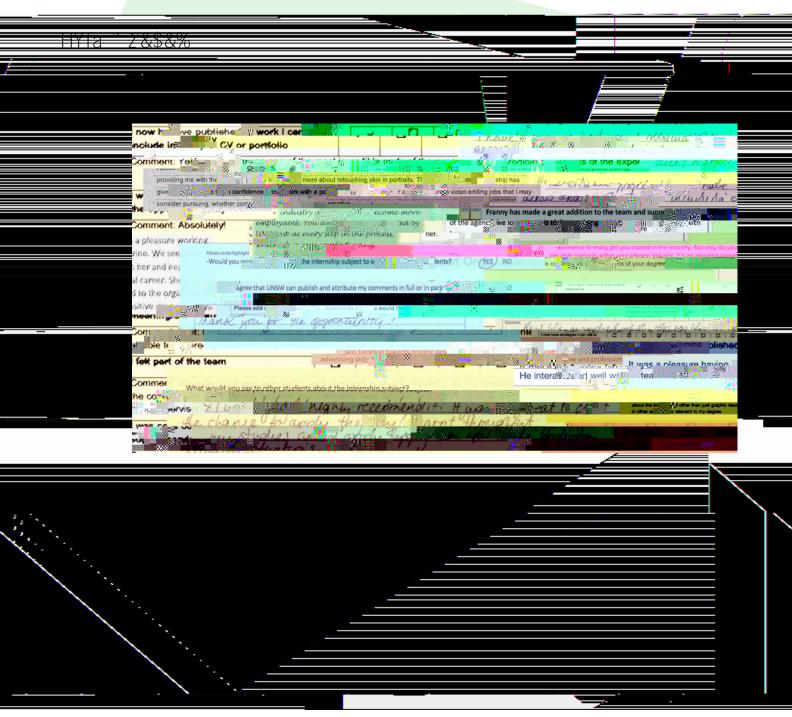


MDIA5100

\$\Delta \text{Xi glfmi}\$\Delta \text{Yfbg\}d



7 ci fgY Cj Yfj]Yk

GHJZ7cbHJWh8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D\cbY
9a a U [·] 5" [·] >UbY	Ya a U"'UbY4 i bgk "YXi "Ui	6miUddc]bha Ybh		

GWXcc``7cbHJWhʻ±bZcfa Uh]cb

GVXcc``cZhXY`5fhg`UbX`AYX]U

Fcca " %&ž@Yj Y`" žFcVYfhK YVghYf*6i]`X]b[fl %(Ł

D\cbY.'f\$&Ł'-',)'(,)*

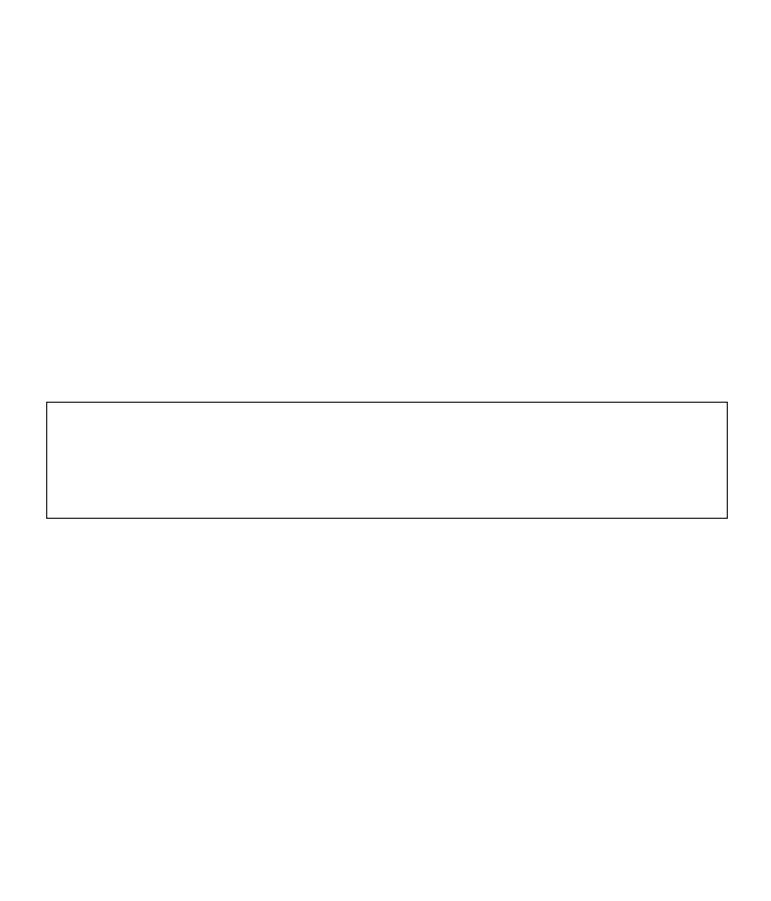
9a U]`. 'gUa 4 i bgk "YXi "Ui

K YVg]hY. k k k "Ufhg"i bgk "YXi "Ui #gUa

5W_bck `YX[Ya YbhcZ7ci bhfm

I BGK '5frgž8Yg][b'UbX'5fW,]h'Wi fY'? Ybg]b[hcb'UbX'DUXX]b[hcb'Wa di gYg'UfY'Vi]'hcb'5Vcf][]bU`@UbXg"K Y'dUmci f'fYgdYWrg'hc'h\Y'6]X'][U''UbX'; UX][U''dYcd'Yg'k\c'UfY'h\Y'7i ghcX]Ubg'cZh\YgY'`UbXg" K Y'UW_bck 'YX[Y'h\Y'5Vcf][]bU`'UbX'HcffYg'GHfU]h=g`UbXYf'dYcd'Ygž'h\Y':]fgh5i ghfU`]Ubgžk\cgY'`UbXgž k]bXg'UbX'k UhYfg'k Y'U``'bck 'g\UfYž'UbX'dUmfYgdYWhc'h\Y]f'i b]ei Y'j U'i Ygž'UbX'h\Y]f'Wcbh]bi]b['UbX'YbXi f]b['W'h fYg'k\]W 'XYYYdYb'UbX'Ybf]W 'h\Y'`]ZY'cZci f'bUh]cb'UbX'Wca a i b]h]Yg"''

 $\label{eq:continuity} $$ = U[Y'Wc'ifhYgmicZh\Y'CZh\Y'Dfc'J]WY!7 \setminus WW'`cf'+bX][Ybcig'] $$ BGK fty+bX][Ybcig'ghfUhY[m] $$ = U[Y'Wc'ifhYgmicZh\Y'CZh\Y'Dfc'J]WY!7 \setminus White $$ = W'' =$



5ggYgga Ybh`Yb[h\. A]b]a i a 'cZ&) \$'k cfXg'fbf'fci [\'Yei]j U'YbhZcf'bcb!hYl HVUgYX'gi Va]gg]cbgŁ'Vi h

5 hmy b X Ub WY F Yei] f Ya Yb hg

FYgci fWfg

DfYgWf]VYX F Ygci fWYg

D`YUgY`k cf_'h\fci [\`h\Y`cbVcUfX]b[`_]hmci fî`Z]bX`cb`A ccX`Y`VYZcfY`Wca a YbW]b[`mci f`]bhYfbg\]d"`C h\Yf\Y`dZ``fYgci fWYg`WUb`VY`Zci bX`cb`h\Y`Wci fgY`A ccX`Y`g]hY"`

7ci fgY 9j U`i Uh]cb UbX 8Yj Y`cda Ybh

K Y`fYgdcbX`hc`ZYYXVUW_fYWY]j YX`j]U`X]fYWhYa U]``hc`h\Y`7 ci fgY`7 cbj Ybcf`UbX`h\Y`K ≠ØI b]hžUbX]bZcfa Uh]cb`dfcj]XYX`]b`h\Y`gh XYbh'UbX`\cghZYXVUW_Zcfa g"`

KY'\cdY'mci Yb'cm'mci f']bhYfbg\]d°

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

Hi fb]h]b Gi Va]gg]cb

#mci 'YbWci bhYf'U'dfcV'Ya 'k \Yb'UthYa dhJb['tc'gi Va]hmci f'Ugg][ba Ybht\fci [\'Hi fb]hJbž'd'YUgY
hY'Yd\cbY'9| hYfbU'Gi ddcfhcb'-',) '''' %cf'Ya U]''h\Ya 'cb'Yl hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh
\ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY_XUmg'UbX'-.\$\$Ua '-').\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUft\"'#c'i'#c'i'
UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZUi 'hk]h\ 'Hi fb]hJb'mci 'a Um'Udd'm\Zcf'Ub'Yl hYbg]cb\ZVi hmci
a i ghfYhU]b'mci f'hJ\W_Yhbi a VYf'\Zfca '9| hYfbU''Gi ddcfhfU'cb['k]h\ 'Ubmch\Yf'fY'Yj UbhXcW a Ybhgthc
]bWi XY'Ug'Yj]XYbW''hc'gi ddcfhmci f'Yl hYbg]cb'Udd']\WUh]cb'''#mci 'Ya U]''9| hYfbU''Gi ddcfhmci 'k]''

5 WUXYa]W<cbYghmUbX D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX'dfYgYbh]b['h\Ya 'Ug`mci f`ck b"'=h\Wb'hU_Y`a Ubm Zcfa qžZfca 'XY`]VYfUhY'W\YUh|b['hc`UWW]XYbhU`mWcdm]b['Zfca 'U'gci fW'k]h\ci h'UW_bck 'YX[Ya Ybh'

IBGK [fcidgdu[]Uf]ga]bhch\YZc``ck]b[WUhY[cf]Yg.

7 cdm]b[. `I g]b['h\Y'gUa Y'cf'j Yfmg]a]`Uf'k cfXg'hc'h\Y'cf][]bU`'hYl hcf']XYU'k]h\ci hUW_bck `YX[]b['h\Y gci fW'cf'i g]b['ei chUh]cb'a Uf_g"'H\]g']bWi XYg'Wcdm]b['a UhYf]U`gž']XYUg'cf'WcbW'dhg'Zfca 'U'Vcc_ž'Ufh]WYž fYdcfhcf'ch\Yf'k f]hhYb XcW a Ybhz'dfYgYbhUh]cbž'Wca dcg]h]cbž'Uffk cf_ž'XYg][bž'XfUk]b[ž'WfW]hfmž'Wca di hYf dfc[fUa 'cf'gcZk UfYž'k YVg]hYž']bhYfbYhz'ch\Yf'Y`YWfcb]WfYgci fW'z'cf'Ubch\Yf'dYfgcbfg'Ugg][ba Ybhk]h\ci h Uddfcdf]UhY'UW_bck `YX[Ya Ybh''

buddfcdf]UhY dufud\fug]b[...7\ub[]b[...12\k...k.cfXg.UbX.d\fugYg.k.\]Y a cghmfYhJ]b]b[...h\Y.cf][]bU`]bZcfa UhJcbžghfi Wh fY UbX#cfdfc[fYgg]cb.cZ]XYUg.cZh\Y.cf][]bU`k]h\ci hUW_bck `YX[Ya Ybh'.H\]g.U`gc Udd`]Yg.]b.dfYgYbhJhJcbg.k.\YfY.gca YcbY.dUfUd\fUgYg.Ubch\Yf'g.]XYUg.cf.k.cfXg.k.]h\ci hWfYX]h\UbX.hc d]YWJb[...hc[Yh\Yf.ei chYg.UbX.dUfUd\fUgYg.]bhc.U.bYk.k.\c`Yžk]h\ci h\Uddfcdf]UhY.fYZfYbWJb[...

7 c``i g]cb. K cf_]b[[kk]jhhcbhhfgfgiVidhighghg]bc[Zb\Z'hh\dfk'dg_UUbyfGd\fgd\fgd\x] j\ji]b\Xk' cf_k'] c``i zf]ca'U`gc]bWi XYg'dfcj]X]b['mci f'k cf_'hc'Ubch\Yf'ghi XYbhZcf'h\Y'di fdcgY'cZh\Ya 'd`U[]Uf]g]b['zdUm]b['Ubch\Yf'ghi XYbhZcf'h\Y'di fdcgY'cZh\Ya 'd`U[]Uf]g]b['zdUm]b['Ubch\Yf'ghi XYbhZcf'h\Y'di fdcgY'cZh\Ya 'd`U[]Uf]g]b['zdUm]b['Ubch\Yf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wcdm]b['bz'cZYf]b['hc'Wca d`YhY'Ubch\Yf'dYfgcb'g'k cf_'cf'gYY_]b['dUma YbhZcf'Wca d`Yh]b['UWUXYa]Wk cf_''

buddfcdf]uhr Wjhuhjcb. 7 jhjb['gci fwrg'k \]ww\uj Y'bchVYYb'fYUXžk jh\ci huw_bck `YX[]b['h\Y "gYwbbXufm" gci fwr Zfca 'k \]ww_bck `YX[Y'cZh\Ya \ug'VYYb'cVhJ]bYX"

7 cffYWhfYZY& W Yj \$

5 WUXYa]W + DZcfa Uhjcb

8 i Y 'hc 'Yj c'j]b['UXj]WY 'VmB GK '< YU'th žighi XYbhg'a i gh'WkYW_'Zcf'i dXUhYX']bZcfa Uh]cb 'fY[UfX]b['cb`]bY 'YUfb]b['Zcf'U``'5fhgž'8 Yg][b 'UbX'5fWk]hYWhi fY 'Wci fgYg'th]g'thYfa 'fJ]U'A ccX`Y'cf'Wci fgY']bZcfa Uh]cb dfcj]XYX"Ł

: cf`YggYbhJU``ghi XYbh`]bZcfa UhJcb`fY`UhJb['hc.