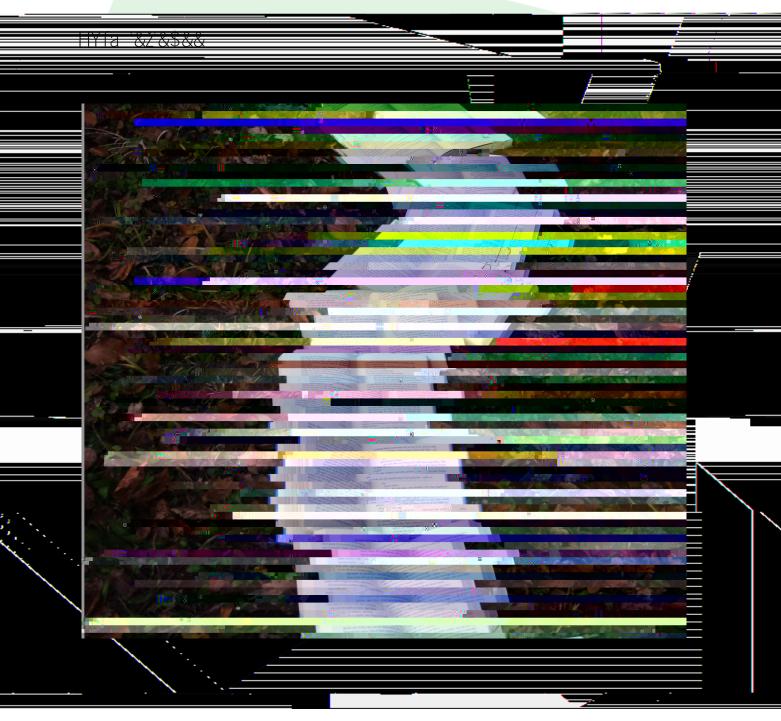
SOSS3006

GcWJU``GWJYbWYg`]b`h\Y`Kcf_d`UWY



<code>SOSS3006</code> // Term 2, 2022 // published at 26-04-2022 © UNSW Sydney, 2022

7 ci fgY⁻Cj Yfj]Yk

GHJZZ7cbHJWh78YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
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GVXcc``cZGcWJU``GWJYbWYg

Fcca '%)-

A cfj Yb 6fck b 7 &\$

Ya U]`. gcgg4 i bgk "YXi "Ui

d\cbY.`\$&`-',)`% \$+

5W_bck `YX[Ya YbhcZ7ci bhfm

I BGK '5ffgž8Yg][b'UbX'5fW]HYWi fY'?Ybg]b[hcb'UbX'DUXX]b[hcb'WJa di gYg'UfY'Vi]`hcb'5Vcf][]bU` @UbXg"'K Y'dUmci f`fYgdYWg'hc'h\Y'6]X'][U``UbX'; UX][U``dYcd`Yg'k \c'UfY'h\Y'7 i 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`]Ubgž'k \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\XYYdYb'UbX'Ybf]W\'h\Y'`]ZY'cZci f`bUh]cb'UbX'Wca a i b]h]Yg"``

∵a U[Y`WcifhYgmicZh\Y`CZ]WY`cZh\Y`Dfc`J]WY!7\UbWY``cf`=bX][Ybcig`<u>IBGK_foj`=bX][Ybcig`ghfUhY[m</u>

7cifgY[·]8YHJ]`g

l b]hg cZ7fYX]h**

Gi a a UfmcZhXY7ci fgY

GCGG' \$\$*`]g'U'WcfY'Wci fgY'Zcf`gh XYbhg'Ybfc``YX`]b'h\Y'6UW\Y`cf`cZGcW]U``GW]YbWYg'dfc[fUa "'Mci 'a i gh VY`cZh\]fX`mYUf`gHUbX]b[`fGH' Łhc`VY`UV`Y`hc`HU_Y`h\]g'Wci fgY"

5`][bYX`k]h`IBGK'g`Yad\Ug]g`cb`kcf_`]bhY[fUhYX``YUfb]b[žh\]g`WcifgY`]g`U`ghfiWhifYX`UbX`giddcfhYX kcf_`d`UWYaYbhXYg][bYX`hc`[]jY`mci`Ub`ibXYfgHUbX]b[`cZcf[Ub]gUh]cbU``WcbhYIhg`h\fci[\`kcf_d`UWY`cf kcf_d`UWY!cf]YbhYX`YIdYf]YbWYžk\]W\`igYg`UbX`XYjY`cdg`h\Y`g_]``g`[U]bYX`]b`mcif`ghiX]Yg"

Mci f`dUh\k Umik]```]bj c`j Y.

 5 k cf_d`UWY!cf]YbHYX'dc`]Wh#YgYUfWX'dfcYWhiZcf`Ub'cf[Ub]gUH]cb'fh\]g'k]```]bj c`j Y'd`UWYa YbhUhU \cghicf[Ub]gUH]cb']bHYfbU`#YI HYfbU`'hc'I BGK Ł

7cifgY`@YUfb]b[`CiHWcaYg

- %" 8Ya cbglfUhY`Ub`UXj UbWYX`i bXYfghUbX]b[`cZfYgYUfW\`UbX`dc`]Whik cf_`]b`B; Cg`cf`[cj Yfba Ybh cf[Ub]gUh]cbg`
- &" =bj Ygh][UhY h\Y XmbUa]Wg cZk cf_]b['k]h\]b Ub cf[Ub]gUh]cb
- '"7caV]bY'dfUWjWU`_bck`YX[Y'k]h\ZcfaU`'dc`]Wn`YUfb]b[

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&""FYZYWMjY"9jU`iUhjcb) \$I	%(#\$, #&\$&&`%%) - `DA	%ž' &ž''

5ggYgga Ybh% Dfc YW#Dc`]Wh6f]YZ

5ggYgga Ybh`Yb[h\.&\$\$\$ k cfXg 8i Y`XUhY. \$'#\$+#&\$&&`%%) - DA

Mci 'UfY'hc'k f]hY'U'dc`]Wh#dfcYWhVf]YZf&\$\$\$'k cfXgE'cb'hY'dfcYWhAY'\cghcf[Ub]gUh]cb'\Ug'U``cWUhYX'hc mci 'Xi f]b['mci f`]bhYfbg\]d"'H\Y'dfcYW#dc`]WhVf]YZ]bWi XYg'hY'cf[Ub]gUh]cbU``V&bhYI hžfUh]cbU`Y'Zcf'hY dfcYWhUbX'hY'a Yh\cXg'Ya d`cmYX'hc'W&a d`YhY'h\Y'dfcYWh''Mci 'k]```fYWY]jY'k f]hYb'ZYYXVUW_'k]h\]b'%\$ XUmg'cZgi Va]gg]cb'h\fci [\'h\Y'I b]j Yfg]mfg'@YUfb]b['A UbU[Ya YbhGmghYa "'5'fi Vf]Wk]``VY'dfcj]XYX'hc mci 'UhIh\Y'ghUfhcZh\Y'Wci fgY"

H\]gʻUgg][ba Ybh]gʻgi Va]hhYX'h\fci [\`Hi fb]h]bʻUbXʻghi XYbhgʻXcʻbchigYYʻHi fb]h]bʻg]a]`Uf]hnifYdcfhg"

5ggYgga Ybh& FYZYWhjjY9jUiUhjcb

8i Y'XUhY. '%(#\$, #&\$&&'%%) - 'DA

5 ZhY f Wca d`Yhjob`cZh\Y`F Ydofhžmci`k]``dfYdUfY`U`fYZYWhjYYjU`iUhjob`f&\$\$\$`k cfXgEh\UhYIUa]bYg`h\Y [Ud`VYhk YYb`mci f`cVgYfjUhjobg`Xif]b[`mci f`k cf_`d`UWYaYbhUbX`h\Y`h\YcfYhjWU``ZfUaYk cf_g``YUfbYX`Zfca mci f`GC GG`Wci fgYg"`H\Y`F YZYWhjY`9jU`iUhjob`k]``VY`aUf_YX`Vmh\Y`7 ci fgY`7 cbjYbcf"`Mci`k]``fYWY]jY k f]hhYb`ZYYXVUW_k]h\]b`%\$`XUmg`cZgiVa]gg]cb`h\fci[\`h\Y`Ib]jYfg]mfg`@YUfb]b[`AUbU[YaYbhGmghYa"`5 fiVf]Wk]``VY`dfcj]XYX`hc`mci`Uhh\Y`ghUfhcZh\Y`Wci fgY"`

H\]gʻUgg][ba Ybh]gʻgi Va]hhYX'h\fci [\`Hi fb]h]bʻUbXʻghi XYbhgʻXcʻbchigYYʻHi fb]h]bʻg]a]`Uf]hnifYdcfhg"

5HYbXUbW/FYei]fYaYbhg

D`YUgY'bchY'h\Uh`YWi fY'fYWcfX]b[g'UfY'bch'Uj U]`UV`Y'Zcf'h\]g'Wci fgY"'Gh XYbhg'UfY'ghfcb[`mYbWci fU[YX'hc UhhYbX'U```WUggYg'UbX'WcbhUWih\Y'7 ci fgY'5i h\cf]hmhc'a U_Y'U`hYfbUh]j Y'UffUb[Ya Ybhg'Zcf'WUggYg a]ggYX"

7 ci fgY GWX YXi `Y

J]Yk WUgg'ha YHJV`Y

H]a YHJV`Y'

8 UhY	HmdY	7cbhYbh
K YY_`%`' \$`A Um!'' ‰ >i bY	GYa]bUf	; \$Hhjb[`gHJfHYX`Uhimcif`]bHXfblghrodd.f9jbNNjhjblg\]d. cf]YbHJhjcbihciH\Yik cf_diUWY'UbXimcif`]bHYfbg\]d" H\Y`UggYgga Ybhg'UbX'WcifgYif

‰

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FYgci fWg

DfYgWf]VYX F Ygci fWfg

5[~]`gi [[YghYX'hYI hg'k]``VY'Uj U]`UV`Y'h\fci [\'@Y[Ubhc'j]U'a ccX`Y"`Mci f`@Y[Ubhc'fYUX]b[``]gh[]j Yg'mci YUgmUVWYgg'hc'U```mci f`fYUX]b[g'Zcf'h\]g'Wci fgY'cb'UbmXYj]WY"

FYWca a YbXYX FYgci fWYg

5`h\Ui gž7ž6f]X[a UbžD7'8Uj]gž; `&\$% ž YV 3fdeeR]Z_ `]Zj : R_US``\/(eY VUfi5`Yb7'1 bk]b"

A ₩7`Y``UbXž57' 'Gamt\ D`f9Xg"Ł'&\$%(ž``TZR]``]Zj Z_3fdecR]ZR, _UVcdeR_UZ_X Wc3TeZ_/%dJ VUfž CTZcfX'T b]j Yfg]miDfYgg"

Ghi XYbhgʻUfYʻYbWci fU[YXʻhcʻgYY_ʻci hhYl hgʻUbXʻUWUXYa]W`]hYfUhi fYʻfY`Yj Ubhhcʻh\Y]f`gdYW]ZJWgYhh]b[ʻUbX i hj`]gYʻUbmi]bhfcXi Whcfmi]bgh]hi h]cbU``[cj YfbUbWYʻhYl hgʻUj U]`UV`Y`]bʻh\YʻI BGK ``]VfUfm \hhd.##k k k"`]VfUfm"i bgk "YXi "Ui #

7ci fgY'9jU`iUh]cb'UbX'8YjY`cdaYbh

9j U`i Uhj Y`ZYYXVUW_`]g`[Uh\YfYX`dYf]cX]WU``mi g]b[žUacb[`ch\Yf`aYUbgžI BGK fg`am9IdYf]YbW dfcWYgg"`=bZcfaU``ZYYXVUW_`UbX`WUgg![YbYfUhYX`ZYYXVUW_`UfY`U`gc`]adcftUbh'`Mci f`ZYYXVUW_`]g`tU_Yb gYf]ci g`mUbX`Wcbh]bi U``]adfcj YaYbhg`UfY`aUXY`hc`h\Y`Wci fgY`VUgYX`]b`dUfhicb`gi W\`ZYYXVUW_" G][b]Z]WUbh'W\Ub[Yg`hc`h\Y`Wci fgY`k]```VY`Wcaaib]WUhYX`hc`gi VgYeiYbhWc\cfhg`cZghiXYbhg`hU_]b[`h\Y Wci fgY"

Gi Va]gg]cbcZ5ggYgga YbhHUg_g

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

#mci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhJb['hc'gi Va]hmci f'Ugg][ba Ybhik fci [\ 'Hi fb]hJbžd'YUgY hY'Yd\cbY'9I hYfbU``Gi ddcfhcb'-',) '' ' '%cf'Ya U]`'h\Ya 'cb'YI 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'' #mci UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZJi 'hk]h\'Hi fb]hJb'mci 'a UmUdd`m'Zcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hJW_Yhbi a VYf'Zfca '9I hYfbU``Gi ddcfhfU`cb['k]h\'Ubmch\Yf'fY`Yj UbhXcW a YbhgEhc]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUhcb'' #mci 'Ya U]``9I hYfbU``Gi ddcfhimci 'k]`` Ui hca UhJWU`mfYWF]j Y'U'hJW_Yhbi a VYfžVi h]Zmci 'hY`Yd\cbY'mci 'k]``bYYX'hc'gdYWJZWU``mUg_'Zcf'cbY'' Hi fb]hJb'U`gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUh g'cb'Hk]fhYf"

; YbYfU``mžUggYgga YbhHUg_g`a i ghVY`gi Va]hhYX`Y`YWfcb]WU``mj]U`Y]h\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ba Ybh''=b`]bgHUbWfg`k \YfY`h`]g`]g`bchdcgg]V`Yž]hk]``VY`ghgca i`\\ci `]U`A cc`VY hb[`k X`

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

D`U[]Uf]ga `]g`i g]b[`f\Y`k cfXg`cf`]XYUg`cZcf\Yfg`UbX`dfYgYbh]b[`f\Ya `Ug`mci f`ck b"`=fiWUb`hU_Y`a Ubm Zcfa gžZfca `XY`]VYfUHY`W\YUh]b[`fc`UWN]XYbhU``mWcdm]b[`Zfca `U`gci fW'k]h\ci hUW_bck `YX[Ya Ybh'

I BGK [fci dg'd`U[]Uf]ga]bhc h\YZc``ck]b[WUhY[cf]Yg.

7cdm]b[.'