Nombre: Dayan Ochoa Oviedo

Fecha: 09 de noviembre de 2022


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MINGW64:/c/Users/pablo/desktop/Downloads

pablo@papacito MINGW64 ~
$ cd desktop

pablo@papacito MINGW64 ~/desktop
$ cd CSB-master

pablo@papacito MINGW64 ~/desktop/CSB-master
$ cd unix

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ cd sandbox

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ cd ../

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ mkdir sandbox/tc2_OchoaDayan

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ cd

pablo@papacito MINGW64 ~
$ cd downloads
bash: cd: downloads: No such file or directory

pablo@papacito MINGW64 ~
$ ls
 -1.14-windows.xml
 AppData/
'Application Data'/
'Configuración local'@
 Contacts/
 Cookies@
'Datos de programa'@
 Desktop/
 Documents/
'Entorno de red'@
 Favorites/
 Impresoras@
 Links/
'Menú Inicio'@
'Mis documentos'@
 Music/
 NTUSER.DAT{ef2bc4c2-d686-11e1-aed0-782bcb39b999}.TM.blf
 NTUSER.DAT{ef2bc4c2-d686-11e1-aed0-782bcb39b999}.TMContainer00000000000000000001.regtrans-m
s
 NTUSER.DAT{ef2bc4c2-d686-11e1-aed0-782bcb39b999}.TMContainer00000000000000000002.regtrans-m
s
 OneDrive/
```



```
MINGW64:/c/Users/pablo/desktop/Downloads

s
 OneDrive/
 PicStream/
 Pictures/
 Plantillas@
'Problemas - Prueba medio periodo.m'
'Problemas prueba medio periodo.m'
 Reciente@
 Saved/
'Saved Games'/
 Searches/
 SendTo@
 SkyDrive/
 Videos/
 cubicspline.m
 datamc/
 mdatac.dat
 ntuser.dat
 ntuser.dat.LOG1
 ntuser.dat.LOG2
 ntuser.dat{3eaf5b9c-295a-11e6-bed1-bc8556a965b3}.TM.blf
 ntuser.dat{3eaf5b9c-295a-11e6-bed1-bc8556a965b3}.TMContainer00000000000000000001.regtrans-m
s
 ntuser.dat{3eaf5b9c-295a-11e6-bed1-bc8556a965b3}.TMContainer00000000000000000002.regtrans-m
s
 ntuser.ini

pablo@papacito MINGW64 ~
$ cd descargas
bash: cd: descargas: No such file or directory

pablo@papacito MINGW64 ~
$ cd desktop

pablo@papacito MINGW64 ~/desktop
$ cd descargas
bash: cd: descargas: No such file or directory

pablo@papacito MINGW64 ~/desktop
$ ls
 105NIKON/                      TLauncher.lnk*
'Archivos importante'/          Thumbs.db
 CSB-master/                    Video/
 Capturas/                     'Videos  a'/
 Downloads/                    'Videos tablet'/
'Excel 2016.lnk'*              'Visual basic'/
 IKIAM/                        'Wondershare Filmora.lnk'*
 KMPlayer.lnk*                 'Word 2016.lnk'*
 Logo.mdp                       Zoom.lnk*
'Nueva carpeta'/                desktop.ini
```

```
pablo@papacito MINGW64 ~/desktop
$ ls
 105NIKON/                          TLauncher.lnk*
'Archivos importante'/              Thumbs.db
 CSB-master/                        Video/
 Capturas/                         'Videos  a'/
 Downloads/                        'Videos tablet'/
'Excel 2016.lnk'*                  'Visual basic'/
 IKIAM/                            'Wondershare Filmora.lnk'*
 KMPlayer.lnk*                     'Word 2016.lnk'*
 Logo.mdp                           Zoom.lnk*
'Nueva carpeta'/                    desktop.ini
'Pieles en accesorios - Dayan Ochoa.pptx'  mono/
 PokémonUNITE.lnk*                 '~$SCALCULIA.docx'
'PowerPoint 2016.lnk'*

pablo@papacito MINGW64 ~/desktop
$ cd Downloads

pablo@papacito MINGW64 ~/desktop/Downloads
$ mv AgGCN1.0_properties ../
mv: cannot stat 'AgGCN1.0_properties': No such file or directory

pablo@papacito MINGW64 ~/desktop/Downloads
$ mv AgGCN1.0_properties.csv ../

pablo@papacito MINGW64 ~/desktop/Downloads
$ cd ../

pablo@papacito MINGW64 ~/desktop
$ mv AgGCN1.0_properties.csv CSB-master/ unix/ sandbox/
mv: target 'sandbox/' is not a directory

pablo@papacito MINGW64 ~/desktop
$ mv AgGCN1.0_properties.csv CSB-master/

pablo@papacito MINGW64 ~/desktop
$ cd CSB-master

pablo@papacito MINGW64 ~/desktop/CSB-master
$ mv AgGCN1.0_properties.csv unix/

pablo@papacito MINGW64 ~/desktop/CSB-master
$ cd unix

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ mv AgGCN1.0_properties.csv sandbox/

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ |
```

```
pablo@papacito MINGW64 ~/desktop
$ cd CSB-master

pablo@papacito MINGW64 ~/desktop/CSB-master
$ mv AgGCN1.0_properties.csv unix/

pablo@papacito MINGW64 ~/desktop/CSB-master
$ cd unix

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ mv AgGCN1.0_properties.csv sandbox/

pablo@papacito MINGW64 ~/desktop/CSB-master/unix
$ cd sandbox

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ head -n 2 AgGCN1.0_properties.csv
id,Gene name,strength,eigenvector,close,betweenness,community,core4854,core6920,core7464
AGAP000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv >> EigenBetw.tsv

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ head -n 2 EigenBetw.tsv
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ head -n 1 EigenBetw.tsv
id,eigenvector,betweenness

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ nano tc2_OchoaDayan.sh

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ nano tc2_OchoaDayan.sh

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ cat tc2_OchoaDayan.sh
#Comando primeras 7 filas y 5 ultimas
echo -e "\n"
echo "7 primeras filas"
head -n 7 EiegenBetw.tsv
echo -e "\n"
echo "5 últimas filas"
tail -n 5 EigenBetw.ts

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ |
```

```
echo "5 últimas filas"
tail -n 5 EigenBetw.tsv

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ bash tc2_OchoaDayan.sh


7 primeras filas
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0


5 últimas filas
AGAP029781,0.000987921,1.49E-05
AGAP029784,3.45E-05,0.000155039
AGAP029786,0.000146935,5.04E-05
AGAP029787,9.99E-06,1.22E-07
AGAP029789,0.001757408,0.001160083

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ nano tc2_OchoaDayan2.sh

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ cat tc2_OchoaDayan2.sh
#Id terminado en 5 oredenado por betweeness
cat EigenBetw.tsv | grep AGAP[0-9]*5, | sort -r -n -t "," -k 3 > EigenBetw5.csv

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ bash tc2_OchoaDayan2.sh

pablo@papacito MINGW64 ~/desktop/CSB-master/unix/sandbox
$ cat EigenBetw5.csv
AGAP011165,0.000916753,9.97E-05
AGAP005775,0.000670006,9.92E-06
AGAP008635,8.42E-05,9.85E-07
AGAP001035,0.000216841,9.85E-05
AGAP001825,0.012018156,9.84E-06
AGAP001675,0.000162749,9.83E-05
AGAP008045,0.000864715,9.82E-05
AGAP013405,0.000283132,9.79E-06
AGAP004575,3.13E-05,9.78E-06
AGAP010805,0.006113873,9.69E-05
AGAP012295,0.000112978,9.64E-07
AGAP007015,0.038429544,9.60E-05
AGAP012835,0.000278392,9.58E-06
```