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CSCI 3453

Lab 1 Sample Output

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

1

Type in a command you want to run.

ls

Inputted command: ls

ls

'C++ test'   Project32_VS2019

'CSCI 3511 Pre-Assessment.pdf'   'Python Test'

'Coding Books'   'RPS Game'

'Cook, Serve, Delicious! 3!.url' 'Trend Micro Internet Security.lnk'

 Discord.lnk   'Trend Micro Pay Guard.lnk'

'Fall 2020 Announcements'   Truong_HW1

 First_Time   Truong_Lab2

 HonorPledge_Signed.pdf   VS_Code_Prj

 lb107   Zoom.lnk

'Important Docs'   data_final_project-master

 Input_Data.zip   desktop.ini

'Interview Prep.docx'   makefile

 Irvine   path.txt

'K-Pop Database'   readme.txt.zip

'Microsoft Edge.lnk'   shell

'Microsoft Teams.lnk'   shell.cpp

'PAL 2020-2021'

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

1

Type in a command you want to run.

pwd

Inputted command: pwd

pwd

/mnt/c/Users/truon/OneDrive/Desktop

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

1

Type in a command you want to run.

whoami

Inputted command: whoami

whoami

ivy

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

1

Type in a command you want to run.

hostname

Inputted command: hostname

hostname

DESKTOP-ZTCB31

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

2

Type in a command you want to run.

ls -l

Inputted command: ls -l

```
ls

-l

total 272

drwxrwxrwx 1 ivy ivy   512 May  1 11:47 'C++ test'

-rwxrwxrwx 1 ivy ivy 96748 Aug 24 12:45 'CSCI 3511 Pre-Assessment.pdf'

drwxrwxrwx 1 ivy ivy   512 Apr  2  2020 'Coding Books'

-rwxrwxrwx 1 ivy ivy   223 Feb  5  2020 'Cook, Serve, Delicious! 3!.url'

-rwxrwxrwx 1 ivy ivy  2237 Sep 12 09:36  Discord.lnk

drwxrwxrwx 1 ivy ivy   512 Sep 17 15:04 'Fall 2020 Announcements'

drwxrwxrwx 1 ivy ivy   512 Jun  3 19:26  First_Time

-rwxrwxrwx 1 ivy ivy 60959 Oct  5 14:12  HonorPledge_Signed.pdf

drwxrwxrwx 1 ivy ivy   512 May 25 11:04  lb107

drwxrwxrwx 1 ivy ivy   512 Aug 26 12:26 'Important Docs'

-rwxrwxrwx 1 ivy ivy 28597 Feb 16  2020  Input_Data.zip

-rwxrwxrwx 1 ivy ivy 21350 Apr  3  2020 'Interview Prep.docx'

drwxrwxrwx 1 ivy ivy   512 Jan 23  2020  Irvine

drwxrwxrwx 1 ivy ivy   512 Mar 26  2020 'K-Pop Database'

-rwxrwxrwx 1 ivy ivy  1450 Jan  3  2020 'Microsoft Edge.lnk'

-rwxrwxrwx 1 ivy ivy  2360 Sep 30 16:05 'Microsoft Teams.lnk'

drwxrwxrwx 1 ivy ivy   512 Aug 13 13:30 'PAL 2020-2021'

drwxrwxrwx 1 ivy ivy   512 Apr  5  2020  Project32_VS2019

drwxrwxrwx 1 ivy ivy   512 Feb  5  2020 'Python Test'

drwxrwxrwx 1 ivy ivy   512 Mar 28  2020 'RPS Game'

-rwxrwxrwx 1 ivy ivy  1272 Feb  5  2020 'Trend Micro Internet Security.lnk'

-rwxrwxrwx 1 ivy ivy  2149 Feb  5  2020 'Trend Micro Pay Guard.lnk'

drwxrwxrwx 1 ivy ivy   512 Mar 10  2020  Truong_HW1

drwxrwxrwx 1 ivy ivy   512 Apr 19 17:32  Truong_Lab2

drwxrwxrwx 1 ivy ivy   512 Oct  6 20:42  VS_Code_Prj

-rwxrwxrwx 1 ivy ivy  1939 Jul 28 16:58  Zoom.lnk
```

drwxrwxrwx 1 ivy ivy   512 Jan 20 2020 data_final_project-master

-rwxrwxrwx 1 ivy ivy   282 Sep 10 14:49 desktop.ini

-rwxrwxrwx 1 ivy ivy   711 Jan 31 2019 makefile

-rwxrwxrwx 1 ivy ivy   16 Oct 6 10:58 path.txt

-rwxrwxrwx 1 ivy ivy 1359 Feb 19 2019 readme.txt.zip

-rwxrwxrwx 1 ivy ivy 23528 Oct 6 21:16 shell

-rwxrwxrwx 1 ivy ivy 4182 Oct 6 21:29 shell.cpp

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

2

Type in a command you want to run.

ls -fx

Inputted command: ls -fx

ls

-fx

 .   ..

'C++ test'   'Coding Books'

'Cook, Serve, Delicious! 3!.url' 'CSCI 3511 Pre-Assessment.pdf'

 data_final_project-master   desktop.ini

 Discord.lnk   'Fall 2020 Announcements'

 First_Time   HonorPledge_Signed.pdf

 lb107   'Important Docs'

 Input_Data.zip   'Interview Prep.docx'

Irvine   'K-Pop Database'

 makefile   'Microsoft Edge.lnk'

'Microsoft Teams.lnk'   'PAL 2020-2021'

 path.txt   Project32_VS2019

'Python Test'   readme.txt.zip

'RPS Game'   shell

 shell.cpp   'Trend Micro Internet Security.lnk'

'Trend Micro Pay Guard.lnk'   Truong_HW1

 Truong_Lab2   VS_Code_Prj

 Zoom.lnk

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

2

Type in a command you want to run.

ps -aux

Inputted command: ps -aux

ps

-aux

```
USER      PID %CPU %MEM   VSZ   RSS TTY     STAT START   TIME COMMAND

root       1  0.0  0.0   8936   316 ?       Ssl  20:43   0:00 /init

root       6  0.0  0.0   8936   224 tty1    Ss   20:43   0:00 /init

ivy        7  0.0  0.0  18208  3840 tty1    S    20:43   0:00 -bash

ivy      224  0.0  0.0  13928  1616 tty1    S    21:30   0:00 ./shell
```

ivy   231 0.0 0.0 18888 2024 tty1   R   21:32   0:00 ps -aux

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

2

Type in a command you want to run.

date -u

Inputted command: date -u

date

-u

Wed Oct 7 03:32:14 UTC 2020

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

2

Type in a command you want to run.

cd ..

Inputted command: cd ..

cd

..

/mnt/c/Users/truon/OneDrive

Child process.

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

3

Type in a command you want to run.

whereis ls > path.txt

Inputted command: whereis ls > path.txt

whereis

ls

>

path.txt

path:

path:

path:

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

4

Type in a command you want to run.

sort < path.txt

Inputted command: sort < path.txt

sort

<

path.txt

ls: /usr/bin/ls

ls: /usr/bin/ls

ls: /usr/bin/ls

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

5

Sample Output 2: Checking progress of option 3 and 4 of shell

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

3

Type in a command you want to run.

ls > path.txt

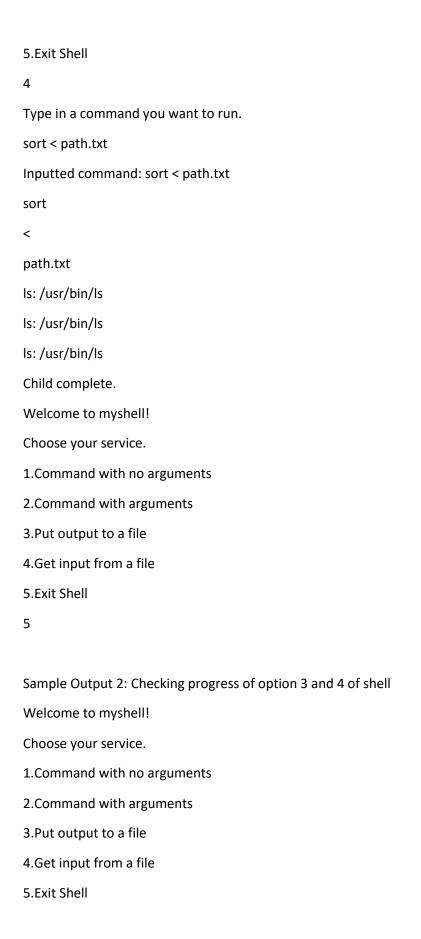Inputted command: ls > path.txt

ls

path.txt

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

3

Type in a command you want to run.

ls -l > foo.txt

Inputted command: ls -l > foo.txt

ls

1

-l

foo.txt

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

4.Get input from a file

5.Exit Shell

4

Type in a command you want to run.

sort < path.txt

Inputted command: sort < path.txt

sort

1

<

2

path.txt

C++ test

C++ test

CSCI 3511 Pre-Assessment.pdf

CSCI 3511 Pre-Assessment.pdf

Coding Books

Coding Books

Cook, Serve, Delicious! 3!.url

Cook, Serve, Delicious! 3!.url

Discord.lnk

Discord.lnk

FD

FD

FD_desc.cpp

FD_desc.cpp

Fall 2020 Announcements

Fall 2020 Announcements

First_Time

First_Time

HonorPledge_Signed.pdf

HonorPledge_Signed.pdf

Ib107

Ib107

Important Docs

Important Docs

Input_Data.zip

Input_Data.zip

Interview Prep.docx

Interview Prep.docx

Irvine

Irvine

K-Pop Database

K-Pop Database

Microsoft Edge.lnk

Microsoft Edge.lnk

Microsoft Teams.lnk

Microsoft Teams.lnk

PAL 2020-2021

PAL 2020-2021

Project32_VS2019

Project32_VS2019

Python Test

Python Test

RPS Game

RPS Game

Trend Micro Internet Security.lnk

Trend Micro Internet Security.lnk

Trend Micro Pay Guard.lnk

Trend Micro Pay Guard.lnk

Truong2556

Truong2556

Truong2556.tar

Truong2556.tar

Truong_HW1

Truong_HW1

Truong_Lab2

Truong_Lab2

VS_Code_Prj

VS_Code_Prj

Zoom.lnk

Zoom.lnk

data_final_project-master

data_final_project-master

desktop.ini

desktop.ini

makefile

makefile

path.txt

path.txt

readme.txt.zip

readme.txt.zip

shell

shell

shell.cpp

shell.cpp

test.txt

test.txt

Child complete.

Welcome to myshell!

Choose your service.

1.Command with no arguments

2.Command with arguments

3.Put output to a file

^C4.Get input from a file

5.Exit Shell