PES1201800410 sec:G roll\_no:24 Prashanth A R

## Exercise1



exit 0 indicates that the program has been successfully completed. \$ - is a used to use the variable defined already

## Exercise2

- 1) If you want to print your home directory location then you give command:
- a) echo \$HOME

we can't use just HOME because it doesn't know what is HOME , where as "\$" tells the bash that its a variable

```
ParrotTerminal

File Edit View Search Terminal Help

(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $no=10
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $10=no
bash: 10=no: command not found
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $vehical=Bus
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $pehical=Bus
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $echo $vehical
Bus
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $echo $echo $n
10
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $echo $echo $n
10
(base) — [prashanth@parrot]—[-/Documents/semV/os/PE51201800410_Prashanth_A_R_WEEK2]
— $echo $ec
```

## Excercise 3

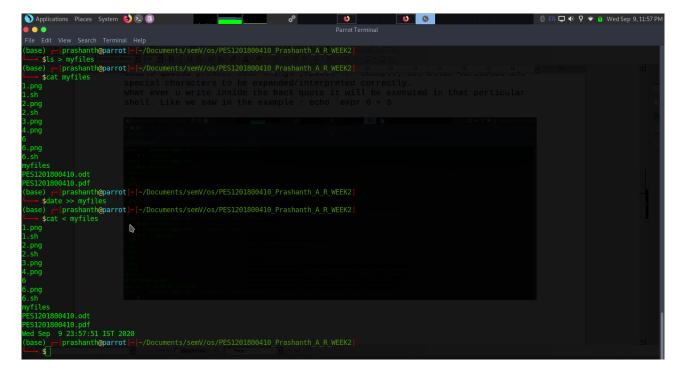
What is the output of the following expressions?

# Excercise 4

What is the meaning of Single quote ('), Double quote (") and Back quote (`) in shell?

In other words, **single quotes** completely protect a string from the **shell** while **double quotes** protect some things (spaces for example) but allow variables and special characters to be expanded/interpreted correctly.

What ever u write inside the back quote it will be executed in that perticular shell. Like we saw in the example : echo `expr 6 + 3`



# Excercise 5

```
Applications Places System Places System Places System Places System Places System Places System Parrot Terminal File Edit View Search Terminal Help

(base) | prashanth@parrot| | -/Documents/semV/os/PES1201800410 Prashanth A.R. WEEK2| | scate Sorted file

(base) | prashanth@parrot| | -/Documents/semV/os/PES1201800410 Prashanth A.R. WEEK2| | scate Sorted file

1.png
1.sh
2.png
2.sh
3.png
4.png
6.png
6.png
6.png
6.png
6.psi
8.psi
```

it sorts myfiles and puts it into sorted\_file

# Exercise 6:

Create a shell script (using Bourne Shell or Bash) which converts all file names in the current directory to lowercase. You should execute the script and send a screenshot of the output.

# Ans:

```
#!/bin/bash
for i in *;
do
    mv $i ${i,,};
done
```