LAB 9

1. Write a shell program that takes one parameter (your name) and displays it on the screen.

#!/bin/bash
name=$1
echo $name
Output:
syedabdulbasit@Ubuntu:~/Desktop$ ./lab9.sh SYEDABDULBASIT
SYEDABDULBASIT

2. Write a shell program that takes a number parameters equal to the last digit of your roll number and displays the values of the built in variables such as $#, $0, and $* on the screen.

#!/bin/bash

roll_number=22089
last_digit=$(echo "$roll_number" | sed 's/.*\([0-9]\)$/\1/')

if [$# -ne "$last_digit"]; then
    echo "Error: Number of parameters should be equal to the last digit of your roll number"
    exit 1
fi

echo "Number Of Parameters: $#"
echo "Script Numbers: $0"
echo "All Parameters: $*"

Output:
syedabdulbasit@Ubuntu:~/Desktop$ ./lab9.sh hello1 hello2 hello3 hello4 hello5
hello6 hello7 hello8 hello9
Number Of Parameters: 9
Script Numbers: ./lab9.sh
All Parameters: hello1 hello2 hello3 hello4 hello5 hello6 hello7 hello8 hello9

3. Write a script that displays the values of the following environment variables
i) SHELL ii) PWD

```
#!/bin/bash

echo "SHELL: #SHELL"
echo "PWD: #PWD"
```
Output:

```
syedabdulbasit@Ubuntu:~/Desktop$ ./lab9.sh
SHELL: #SHELL
PWD: #PWD
```