EmbedUR - Linux Training Program

Module - 3

Assignment – 15 (Basics of Shell Scripting)

```
1) Write a simple Bash program to get the following system variables:
   a. pwd
   b. logname
```

Output:

```
aswinsankesh@aswin-linux:~$ echo "$PWD"
/home/aswinsankesh
aswinsankesh@aswin-linux:~$ echo "$LOGNAME"
aswinsankesh
aswinsankesh@aswin-linux:~$
```

Explanation:

$ => refers to the value stored in that particular variable

PWD,LOGNAME => are system variables

```
2) Write a simple Bash program:
   a. To ask username from user
   b. Exit the program, if user does not enter anything within 10 seconds
```

Output:

```
aswinsankesh@aswin-linux:~$ gedit ip_username.sh &
[1] 2447
aswinsankesh@aswin-linux:~$ chmod +x ip_username.sh
[1]+  Done                    gedit ip_username.sh
aswinsankesh@aswin-linux:~$ ./ip_username.sh
Enter the name of User: aswin
Displaying entered name: aswin
aswinsankesh@aswin-linux:~$ ./ip_username.sh
Enter the name of User: Displaying entered name:
aswinsankesh@aswin-linux:~$
```

Explanation:

Chmod +x => changing the access permission to execute.

Script File:

```bash
1 #!/bin/bash
2
3 read -t 10 -p "Enter the name of User: " username
4 echo "Displaying entered name: $username"
5
6 |
```

Explanation:

read => used to read input from user typed in terminal

-t => time factor included