

EmbedUR - Linux Training Program

Module - 3

Assignment – 18 (Array Operations In Bash)

- 1) Declare an Array names of length 7 and find
 - a. The total number of elements
 - b. Print all the elements
 - c. Print the 5th element

Output:

```
aswinsankesh@aswin-linux:~$ gedit array2.sh &
[2] 2409
aswinsankesh@aswin-linux:~$ chmod +x array2.sh
[2]+  Done                  gedit array2.sh
aswinsankesh@aswin-linux:~$ ./array2.sh
Total Number of Elements: 7

Printing elements: aswin sankesh krishnaveni sudahar abcd efgh ijkl

Printing 5th element: abcd
aswinsankesh@aswin-linux:~$
```

File:

```
1 #!/bin/bash
2
3 declare -a Name=('aswin' 'sankesh' 'krishnaveni' 'sudahar' 'abcd' 'efgh' 'ijkl')
4
5 echo -e "Total Number of Elements: ${#Name[@]} \n"
6
7 echo -e "Printing elements: ${Name[@]} \n"
8
9 echo "Printing 5th element: ${Name[4]}"
10
```

Explanation:

declare -a => to declare an array

\${#name[@]} => to find length of an array

\${name[4]} => to find 5th element in the array