

EmbedUR - Linux Training Program

Module - 3

Assignment – 19 (More on Arrays)

- 1) Declare an Array names2 of length 7 and perform following operations-
 - a. Extract three elements starting from index two.
 - b. Replace third element with 'Debian' and display.
 - c. Append any new name at the end of Array.

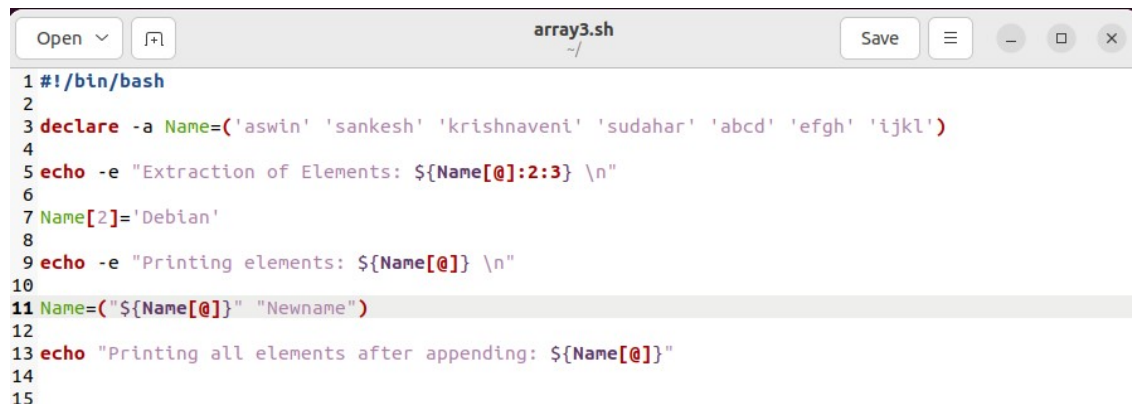
Output:

```
aswinsankesh@aswin-linux:~$ gedit array3.sh &
[2] 2514
aswinsankesh@aswin-linux:~$ chmod +x array3.sh
[2]+  Done                  gedit array3.sh
aswinsankesh@aswin-linux:~$ ./array3.sh
Extraction of Elements: krishnaveni sudahar abcd

Printing elements: aswin sankesh Debian sudahar abcd efgh ijkl

Printing all elements after appending: aswin sankesh Debian sudahar abcd efgh ijkl Newname
aswinsankesh@aswin-linux:~$
```

File:



```
1 #!/bin/bash
2
3 declare -a Name=('aswin' 'sankesh' 'krishnaveni' 'sudahar' 'abcd' 'efgh' 'ijkl')
4
5 echo -e "Extraction of Elements: ${Name[@]:2:3} \n"
6
7 Name[2]='Debian'
8
9 echo -e "Printing elements: ${Name[@]} \n"
10
11 Name=("${Name[@]}" "Newname")
12
13 echo "Printing all elements after appending: ${Name[@]}"
14
15
```

Explanation:

Declare => declaring an array and initializing the value