

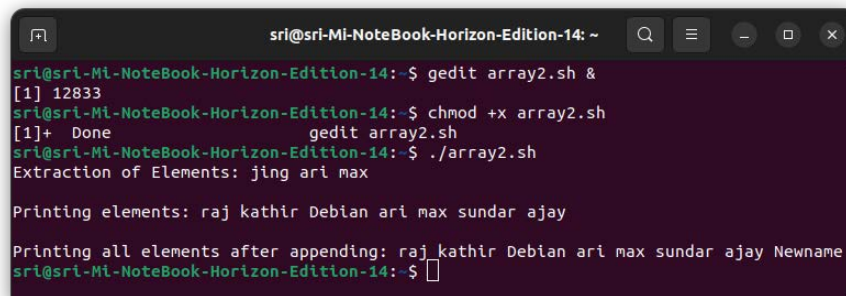
EmbedUR - Linux Training Program

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:



```
sri@sri-MI-NoteBook-Horizon-Edition-14: ~  
sri@sri-MI-NoteBook-Horizon-Edition-14:~$ gedit array2.sh &  
[1] 12833  
sri@sri-MI-NoteBook-Horizon-Edition-14:~$ chmod +x array2.sh  
[1]+  Done                  gedit array2.sh  
sri@sri-MI-NoteBook-Horizon-Edition-14:~$ ./array2.sh  
Extraction of Elements: jing ari max  
  
Printing elements: raj kathir Debian ari max sundar ajay  
  
Printing all elements after appending: raj_kathir Debian ari max sundar ajay Newname  
sri@sri-MI-NoteBook-Horizon-Edition-14:~$
```

File:



```
1 #!/bin/bash  
2  
3 declare -a Name=('raj' 'kathir' 'jing' 'ari' 'max' 'sundar' 'ajay')  
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[@]}"
```