

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

```
bgmadhavan@bgm-virtual-machine: ~  
bgmadhavan@bgm-virtual-machine:~$ declare -a array1=('IT' 'CS' 'ECE' 'EEE' 'CSBS'  
' 'AIDS' 'MECH')  
bgmadhavan@bgm-virtual-machine:~$ echo -e "${array1[@]}"  
>  
>  
bash: unexpected EOF while looking for matching `''  
bash: syntax error: unexpected end of file  
bgmadhavan@bgm-virtual-machine:~$ echo -e "${array1[@]}"  
IT CS ECE EEE CSBS AIDS MECH  
bgmadhavan@bgm-virtual-machine:~$ echo -e "Number of elements in array :${#array  
1[@]}"  
Number of elements in array :7  
bgmadhavan@bgm-virtual-machine:~$ echo -e "Number of elements in array :${#array  
1[@]}"  
Number of elements in array :7  
bgmadhavan@bgm-virtual-machine:~$ echo -e "Fifth element in the array :${array1[  
4]}"  
Fifth element in the array :CSBS  
bgmadhavan@bgm-virtual-machine:~$
```