

Arrays and functions

- 1) Write a program,
- Where a function adds all the elements in an array.
 - The function should display the sum of elements.
 - Make 2 function calls with array elements- (1, 2, 3) and (4, 5, 6).

ANS:

```
GNU nano 6.2                                function2.sh
#!/usr/bin/env bash

addarray(){
declare -a arr1=$1
declare -a arr2=$2
declare -a sum=()
n=${#arr1[@]}
for ((i = 0 ; i < n ; i++)); do
sum[i]=$(( ${arr1[i]} + ${arr2[i]} ))
done
echo ${sum[@]}
}
addarray "(1 2 3)" "(4 5 6)"
```

```
harsh@harsh:~$ nano function2.sh
harsh@harsh:~$ ./function2.sh
5 7 9
```