

NETWORKING & SYSTEM ADMINISTRATION LAB**Experiment No.: 22****Aim**

Shell script to find the average of 'n' numbers

Procedure

```
#!/bin/bash
```

```
echo -e "enter a limit:";
```

```
read n
```

```
printf "enter $n numbers\n";
```

```
ar=();
```

```
for ((i=0;i<n;i++))
```

```
do
```

```
read ar[i];
```

```
s=$(( s + ar[i] ));
```

```
done
```

```
avg=$(( $s/$n ));
```

```
echo "average of $n numbers is $avg";
```

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Output:

```
student@S37:~/Documents/shellscript$ gedit averagecommandline.sh
student@S37:~/Documents/shellscript$ bash averagecommandline.sh
enter Size(N)
5
enter numbers
1
2
3
4
5
average=3
student@S37:~/Documents/shellscript$
```