

1. Write shell script that will calculate the average of three numbers, which are supplied as command line arguments.

Vi q1

```
sum=`expr $1 + $2 + $3`  
avg=`expr $sum / 3`  
echo "The Average is $avg"
```

```
chmod 755 q1  
bash q1 4 2 9  
The Average is 5
```

```
bash q1 2 3 1  
The Average is 2
```

2. Write a shell script that determines which of a two numbers is the smallest (the numbers supplied as command line arguments), If the numbers are equal, display a message that they are equal.

Vi q2

```
if [ $1 -eq $2 ]  
then  
echo "$1 is equal to $2"  
exit 1  
fi  
if [ $1 -lt $2 ]  
then  
echo " $1 is smallest number"  
else  
echo " $2 is smallest number"  
fi
```

```
chmod 755 q2  
bash q2 8 3  
3 is smallest number
```

```
bash q2 0 6  
0 is smallest number
```

```
bash q2 6 6  
6 is equal to 6
```

3. Write a shell script that read any word from the user at run time, then prints out this word 5 times, each word on a separate line

Vi q3

```
echo " Enter any word please :"  
read word  
for ((i=1;i<=5;i++))  
do  
echo " $word"  
done
```

chmod 755 q3

bash q3

Enter any word please :

net321

net321

net321

net321

net321

net321

bash q3

Enter any word please :

Hello

Hello

Hello

Hello

Hello

Hello