
Experiment 1:

Bash Script 1:

```
    echo "Enter ur section"
read section
echo "your section is $section"
read num1
read num2
num3=$(( $num1 + $num2 ))
echo $num3
```

Output 1:

```
Enter ur section
AIML
your section is AIML
48
59
107
tannu@Tannu: /mnt/ls /
```

Bash Script 2:

```
echo
read num
if [ $num -lt 10 ]
echo "Single digit"
then [ $num -gt 10 ] || [ $num -eq 10 ]
echo "Double digit"
else
echo
fi
```

Output 2:

```
5
Single digit
```

Bash Script 3:

```
echo "Enter a number"
read num

fact=1

while [ $num -gt 1 ]
do
    fact=$((fact * num))
    num=$((num - 1))
done

echo $fact
```

Output 3:

```
Enter a number
5
120
```