

```
dbda@iacsd: ~/script
total 4
-rw-rw-r-- 1 dbda dbda 135 Mar 13 14:36 first.sh
dbda@iacsd:~/script$ chmod 777 first.sh
dbda@iacsd:~/script$ ./first.sh
enter two nos.10 20
num1 is greater
dbda@iacsd:~/script$ nano first.sh
dbda@iacsd:~/script$ ./first.sh
enter two nos.10 20
num2 is gretaer
dbda@iacsd:~/script$ nano first.sh
dbda@iacsd:~/script$ cat first.sh
#!/bin/bash
read -p "enter two nos." num1 num2

if [ $num1 -gt $num2 ]
then
    echo "num1 is greater"
else
    echo "num2 is gretaer"
fi

dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
dbda@iacsd:~/script$ cat first.sh
#!/bin/bash
read -p "enter three nos." num1 num2 num3

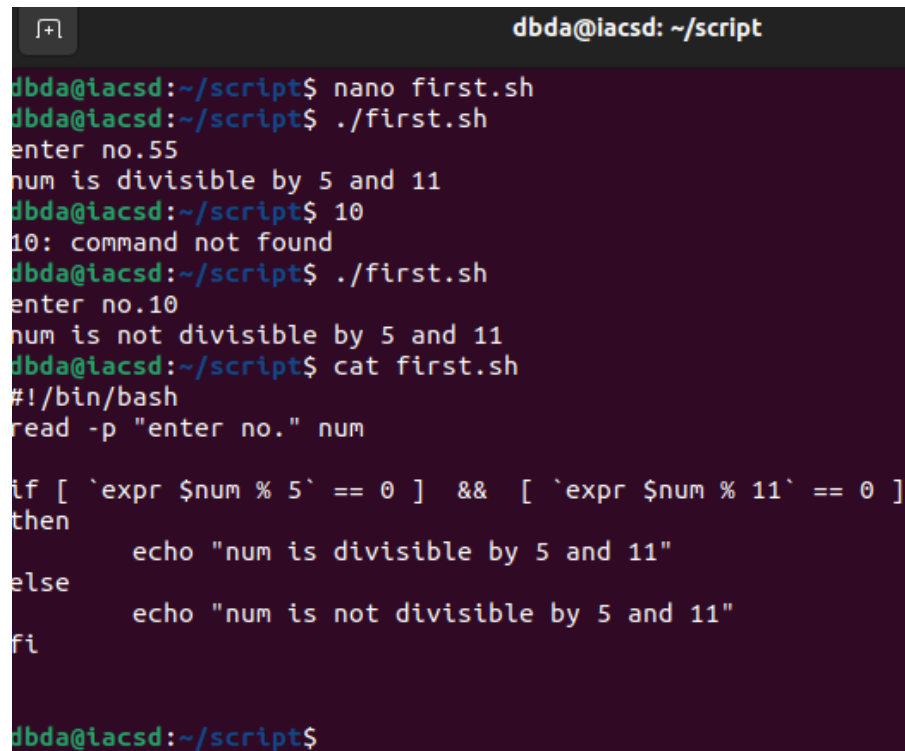
if [ $num1 -gt $num2 ] && [ $num1 -gt $num3 ]
then
    echo "num1 is greater"
elif [ $num2 -gt $num1 ] && [ $num1 -gt $num3 ]
then
    echo "num2 is graeter"
else
    echo "num3 is gretaer"
fi

dbda@iacsd:~/script$ ./first.sh
enter three nos.1 2 3
num3 is gretaer
dbda@iacsd:~/script$
```

```
if [ $num -eq 0 ]
then
    echo "num1 is zero"

elif [ $num -gt 0 ]
then
    echo "num is positive"
else
    echo "num is negative"
fi

dbda@iacsd:~/script$ ./first.sh
enter no.0
num1 is zero
dbda@iacsd:~/script$
dbda@iacsd:~/script$ ./first.sh
enter no.1
num is positive
dbda@iacsd:~/script$ ./first.sh
enter no.-1
num is negative
dbda@iacsd:~/script$ S
```



```
dbda@iacsd:~/script$ nano first.sh
dbda@iacsd:~/script$ ./first.sh
enter no.55
num is divisible by 5 and 11
dbda@iacsd:~/script$ 10
10: command not found
dbda@iacsd:~/script$ ./first.sh
enter no.10
num is not divisible by 5 and 11
dbda@iacsd:~/script$ cat first.sh
#!/bin/bash
read -p "enter no." num

if [ `expr $num % 5` == 0 ] && [ `expr $num % 11` == 0 ]
then
    echo "num is divisible by 5 and 11"
else
    echo "num is not divisible by 5 and 11"
fi

dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
fi
    echo "num is not divisible by 5 and 11"
fi

dbda@iacsd:~/script$ nano first.sh
dbda@iacsd:~/script$ ./first.sh
enter no.2
num is Even
dbda@iacsd:~/script$ ./first.sh
enter no.3
num is Odd
dbda@iacsd:~/script$ cat first.sh
#!/bin/bash
read -p "enter no." num

if [ `expr $num % 2` == 0 ]
then
    echo "num is Even"
else
    echo "num is Odd"
fi

dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
Enter Year:2016
-----
Year Is Leap Year
dbda@iacsd:~/script$ 2017
2017: command not found
dbda@iacsd:~/script$ ./first.sh
Enter Year:2017
-----
Year is not Leap Year
dbda@iacsd:~/script$ cat first.sh
#!/bin/bash
read -p "Enter Year:" num

echo "-----"

if [ `expr $num % 4` == 0 ]
then
    echo "Year Is Leap Year"
else
    echo "Year is not Leap Year"
fi

dbda@iacsd:~/script$
```

```
dbda@iacsd:~/script$ nano first.sh
dbda@iacsd:~/script$ ./first.sh
Enter Your Age:14

-----
You are not eligible
dbda@iacsd:~/script$ ./first.sh
Enter Your Age:20

-----
You can Vote
dbda@iacsd:~/script$ cat first.sh
#!/bin/bash
read -p "Enter Your Age:" num

echo "_____"

if [ $num -gt 18 ]
then
    echo "You can Vote"
else
    echo "You are not eligible"
fi

dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
dbda@iacsd:~/script$ nano first.sh
dbda@iacsd:~/script$ ./first.sh
1
2
3
4
5
6
7
8
9
10
dbda@iacsd:~/script$ cat first.sh
seq 1 10
dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
dbda@iacsd:~/script$ cat sec.sh
#!/bin/bash

sum=0
for((i=1;i<=10;i++))
do
    echo $i
    sum=`expr $sum + $i `
done
    echo "The sum of seven numbers is" $sum

dbda@iacsd:~/script$ ./sec.sh
1
2
3
4
5
6
7
8
9
10
The sum of seven numbers is 55
dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
dbda@iacsd:~/script$ ./sec.sh
1
2
3
4
5
6
7
The sum of seven numbers is 28
dbda@iacsd:~/script$ cat sec.sh
#!/bin/bash

sum=0
for((i=1;i<=7;i++))
do
    echo $i
    sum=`expr $sum + $i `
done
    echo "The sum of seven numbers is" $sum

dbda@iacsd:~/script$
```

```
dbda@iacsd: ~/script
no-5 : 2
no-6 : 2
no-7 : 2
no-8 : 2
no-9 : 2
no-10 : 2
The sum of 10 numbers is: 21
The average of 10 numbers is: 2
dbda@iacsd:~/script$ cat ab.sh
#!/bin/bash

sum=0

for ((i=1;i<=10;i++))
do
    read -p "no-$i : " num
    sum=$((sum + num))
done

avg=$((sum / 10))

echo "The sum of 10 numbers is: $sum"
echo "The average of 10 numbers is: $avg"
dbda@iacsd:~/script$
```

```
dbda@iacsd:~/script$ ./thi.sh
enter a number
1
The cube of 1: 1
dbda@iacsd:~/script$ ./thi.sh
enter a number
2
The cube of 2: 8
dbda@iacsd:~/script$ ./thi.sh
enter a number
3
The cube of 3: 27
dbda@iacsd:~/script$ ./thi.sh
enter a number
4
The cube of 4: 64
dbda@iacsd:~/script$ ./thi.sh
enter a number
5
The cube of 5: 125
dbda@iacsd:~/script$
```

```
15
15 X 1 = 15
15 X 2 = 30
15 X 3 = 45
15 X 4 = 60
15 X 5 = 75
15 X 6 = 90
15 X 7 = 105
15 X 8 = 120
15 X 9 = 135
15 X 10 = 150
dbda@iacsd:~/script$ cat sec.sh
#!/bin/bash

echo "enter number:"
read a

for i in {1..10}
do
    p=$((i*a))
    echo "$a X $i = $p"
done

dbda@iacsd:~/script$
```

```
1 3 5 7 9 11 13 15 17 19
Sum 10: 100
dbda@iacsd:~/script$ cat o
odd.sh one.sh
dbda@iacsd:~/script$ cat one.sh
#!/bin/bash

read -p "number of terms: " n

echo "Odd nos are:"

sum=0

for((i=1;i<=n;i++))
do
    odd=$((2*i-1))
    echo -n "$odd "

    sum=$((sum + odd))
done

echo ""
echo "Sum $n: $sum"
dbda@iacsd:~/script$
```