Ques1: Program to identify whether the given number is positive or negative.

Ques2: Program to find the largest and smallest of three numbers.

Ques3: Program to find the sum and average of N numbers.

Ques4: Program to find the factorial of the given number.

Ques5: Program to find the sequence of odd numbers present up to given n number.

```
| Disht@JATIN:/mnt/d/operating-sys/Assignment2$ cat > program5.sh

#Program to find first N odd numbers

echo "Enter the value of n:"

read n

for ((i=1; i<=n; i+=2)); do
    echo $i
    done
    jbisht@JATIN:/mnt/d/operating-sys/Assignment2$ bash program5.sh

Enter the value of n:

10

1

3

5

7

9
```

Ques6: Program to find the sum of series using shell programming. S=12+22+32+...+n2.

```
| Disht@JATIN:/mnt/d/operating-sys/Assignment2$ cat > program6.sh
| Program to find sum of series S=1^2+2^2+3^2+...n^2|
| echo "Enter the value of n:"
| read | rea
```

Ques7: Program to perform the arithmetic operation using switch case.

Ques8: Program to find the length of the string.

Ques9: Program to perform various pattern search using file.

Ques10: Program to perform sum of series using switch case.

Ques11: Program to find the palindrome of a given number.

Ques12: Program to check whether a login is connected or not.

```
| Figure | F
```