

## ASSIGNMENT -2

**Assignment 2:** Write a script that reads numbers from the user until they enter '0'. The script should also print whether each number is odd or even.

### Script:

```
#!/bin/sh

echo "Enter the number:"

read num

if (( num % 2 == 1 )); then
    echo "odd"
else
    echo "even"
fi
```

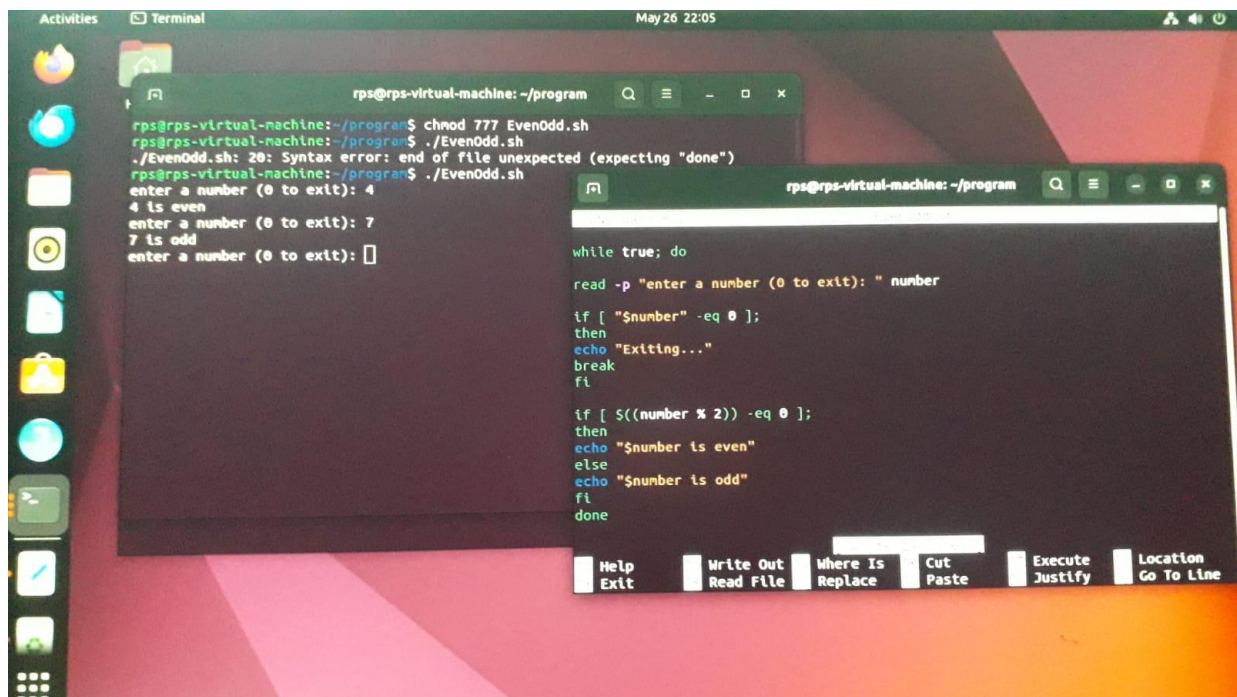
### Sample Output:

Enter a number : 4

4 is even

Enter a number : 7

7 is odd



```
rps@rps-virtual-machine: ~/program
rps@rps-virtual-machine:~/program$ chmod 777 EvenOdd.sh
rps@rps-virtual-machine:~/program$ ./EvenOdd.sh
./EvenOdd.sh: 20: Syntax error: end of file unexpected (expecting "done")
rps@rps-virtual-machine:~/program$ ./EvenOdd.sh
enter a number (0 to exit): 4
4 is even
enter a number (0 to exit): 7
7 is odd
enter a number (0 to exit):
```

```
while true; do
    read -p "enter a number (0 to exit): " number
    if [ "$number" -eq 0 ];
    then
        echo "Exiting..."
        break
    fi
    if [ $((number % 2)) -eq 0 ];
    then
        echo "$number is even"
    else
        echo "$number is odd"
    fi
done
```