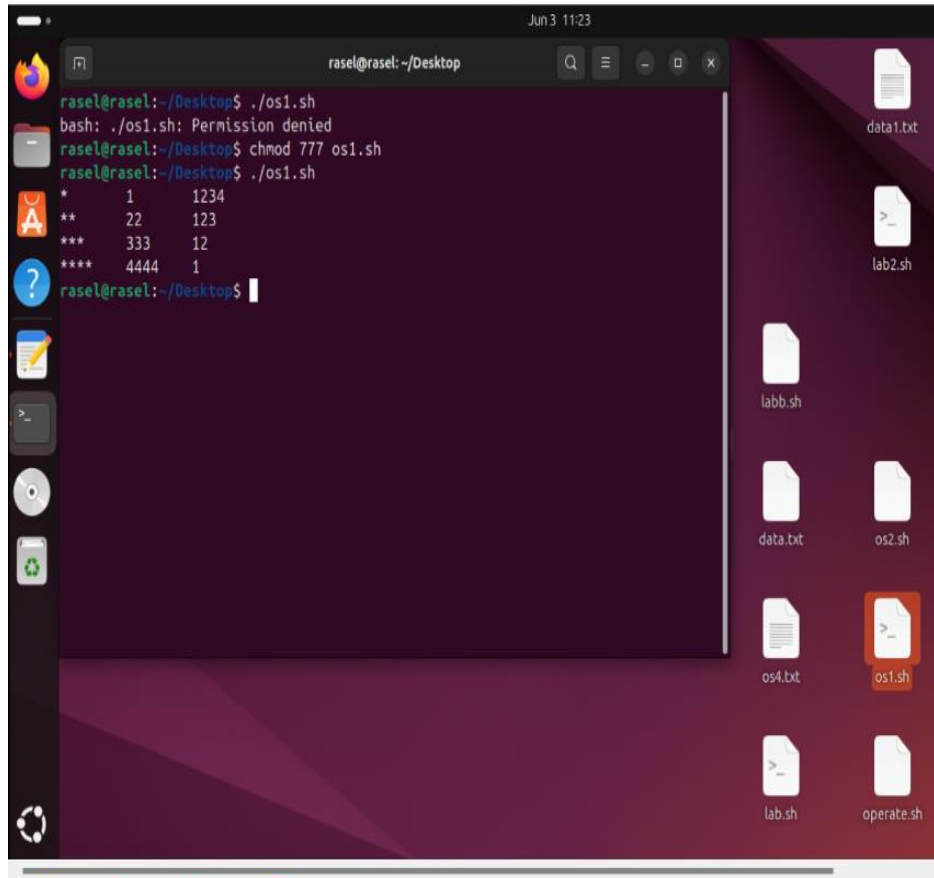S.M. Rasel
22-48039-2

Ans: to the Question No.: 01

```
#!/bin/bash
for ((i=1; i<=4; i++)
do
for ((j=1; j<=i; j++))
do
echo -n "*"
done
echo -n -e "\t"
for (( j=1; j<=i; j++))
do
echo -n "$i"
don
echo -n -e "\t"
for ((j=1; j <=5-i; j++))
do
echo -n "$j"
done
echo " "
done
```

S.M. Rasel

22-48039-2

Ans: to the Question No: 02

```bash
#!/bin/bash
read -p "Enter size of array: " size
declare -a arr
for ((i=0; i<size; i++))
do
read -p "Enter element $((i+1)): " num
arr[i]=$num
done
echo "Even number in the array:"
for i in "${arr[@]}"
do
if ((i%2==0))
then
echo "$i"
fi

done
echo "Total number of elements: ${#arr[@]}"
```

Jun 3 12:08

rasel@rasel: ~/Desktop

```
2
4
8

 Total number of elements : 5
Total number of even elements : 3
rasel@rasel:~/Desktop$ ./lab2.sh
Enter the array size: 5
Enter 5 elements:
Element 1: 2
Element 2: 4
Element 3: 5
Element 4: 8
Element 5: 2

 Even number in the array:
2
4
8
2

 Total number of elements : 5
Total number of even elements : 4
rasel@rasel:~/Desktop$
```

data1.txt   os3.txt

lab2.sh   baz

labb.sh   bar

data.txt   os2.sh   foo

os4.txt   os1.sh   OS1

lab.sh   operate.sh   Home

Open ▾   lab2.sh
~/Desktop

lab.sh   labb.sh   data.txt   lab2.sh ✕   os1.sh

Python

Objective-C

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Visual FoxPro 6

Ruby

isualBasic 6

Firefox   CodeBlocks   Git-2.48.1-6...   New folder   CSS 1   bbbb