

14 November 2022

leapornot.sh

to check whether  
given year is leap year or not

```
echo "Enter the Year"  
read y  
if [ $(expr $y % 4) -eq 0 ]
```

then

```
echo "the year is leap"
```

else

```
echo "the year is not leap"
```

fi

Output:

sh leapornot.sh

↳ Enter the Year

2020

↳ the year is leap

area of shapes.sh

```
echo -n "Enter the radius"
```

```
read r
```

```
echo "3.14 * $r * $r" | bc
```

```
echo -n "Enter the side of square"
```

```
read a
```

```
echo "$a * $a" | bc
```

```
echo -n "Enter length and breadth of rectangle"
```

```
read l
```

```
read b
```

```
echo "2 * $l * $b" | bc
```

```
echo -n "Enter base and height of triangle"
```

```
read h
```

```
read w
```

```
echo "0.5 * $w * $h" | bc
```

Output

Enter radius 2

12.56

Enter side of square 2

Enter length & breadth of rectangle 2

2

8

Enter base and height of triangle 2

2

~~Enter base and height of triangle~~

2

Renaming file name

nano ~~add.sh~~ add.sh  
nano rename.sh

→ echo "Enter old file name:"

read file1

echo "Enter new file name:"

read file2

'mv \$file1 \$file2'

echo "file name changed"

echo "enter directory name"

read d

'mkdir \$d'

echo "directory made"

echo "enter positional parameters"

echo "\$0 = " \$0

echo "par = " \$1

echo "par2 = " \$2

Output:

sh rename.sh

enter old file name

add.sh

enter new file name

newadd.sh

file name changed