```
print("HELLO,World!")
print("Mohammed Twahir")
print("CSE")
```

```
HELLO,World!
Mohammed Twahir
CSE
```

** Airthematic functions **

```
a=int(input('enter a number: '))
b=int(input('enter a number: '))
print(a+b)
print(a-b)
print(a*b)
print(a/b)
print(a%b)
print(a**b)
print(a//b)
```

```
enter a number: 55
enter a number: 22
77
33
1210
2.5
11
19407927843770923879938364028930664062 5
2
```

```
a=10
b=3.14
name= 'rajesh'
print(a,b,name)
print(name + 'good')
```

```
10 3.14 rajesh
rajeshgood
```

user input

```
name = input('Enter student name: ')
a= int(input('enter a number: '))
print(name)
print(a)
```

```
Enter student name: Tahir
enter a number: 2005
Tahir
2005
```

ADD TWO NUMBERS

```
a=10
b=122
c=a+b
print(c)

132
```

** OR**

```
a=int(input('enter a number: '))
b=int(input('enter a number: '))
c=(a+b)
print(c)

enter a number: 12
enter a number: 44
56
```

Multiplication

```
a=int(input('enter a number: '))
b=int(input('enter a number: '))
c=(a*b)
print(c)

enter a number: 55
enter a number: 55
3025
```

AREA OF CIRCLE

```
radius = float(input("Enter the radius of the circle: "))
pi = 3.14159
area = pi* radius**2
print("The area of the circle is:", area)

Enter the radius of the circle: 30
The area of the circle is: 2827.431
```

****DIVISION***

```
a=int(input('enter a number: '))
b=int(input('enter a number: '))
print(a/b)

enter a number: 55
enter a number: 22
2.5
```

TEMPERATURE CONVERTER

```
celsius=float(input('enter temperature in celsius: '))
fahrenheit=(celsius*9/5)+32
print(fahrenheit)

enter temperature in celsius: 55
131.0
```

Simple **Interest**

```
principle=float(input('enter principle amount: '))
rate=float(input('enter rate: '))
time=float(input('enter time: '))
si=(principle*rate*time)/100
print(si)

enter principle amount: 4000
enter rate: 5
enter time: 3
600.0
```

AREA and perimeter of a rectangle

```
length=float(input('enter length: '))
width=float(input('enter width: '))
area=length*width
perimeter=2*(length+width)
print(area)
print(perimeter)

enter length: 44
enter width: 55
2420.0
198.0
```

MINUTES TO HOURS AND MINUTES

```
minutes=int(input('enter minutes: '))
hours=minutes//60
print(hours)
hours=int(input('enter hours: '))
minutes=hours*60
print(minutes)
```

```
enter minutes: 155
2
enter hours: 5
300
```

** OR **

```
minutes=int(input('enter minutes: '))
hours=minutes//60
remaining_minutes=minutes%60
print(f"Time: {hours} hours and {remaining_minutes} minutes")
```

```
enter minutes: 125
Time: 2 hours and 5 minutes
```