

```
print("Hello world")
```

Hello world

```
a=10
```

```
print(a)
```

```
b=3.14
```

```
name='nayan'
```

```
print(a,b,name + "all are happy" +"all are not happy")
```

10

10 3.14 nayanall are happyall are not happy

```
a=10
```

```
print(a)
```

```
b=3.14
```

```
name='nayan'
```

```
print(a,b,name)
```

```
print(name + "good")
```

10

10 3.14 nayan

nayangood

USER input/output

```
a=5
```

```
b=10
```

```
sum=a+b
```

```
print(sum)
```

15

```
a=int(input("enter 1st number:"))
```

```
b=int(input("enter 2nd number:"))
```

```
sum=a+b
```

```
print(sum)
```

enter 1st number:5

enter 2nd number:10

15

```
a=float(input("enter 1st number:"))
```

```
b=float(input("enter 2nd number:"))
```

```
sum=a*b
```

```
print(sum)
```

```

enter 1st number:5
enter 2nd number:2
10.0

radius=float(input("enter the radius"))
pi=3.14
area=pi*radius**2
print("area of circle is 1",area)

enter the radius2
area of circle is 1 12.56

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)

enter a number5
enter a number6
11
30
0.8333333333333334
15625
5

```

#### TEMPERATURE CONVERTER

```

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

enter temperature in celsius:4
temperature in fahrenheit: 39.2

print("enter principle,rate of intrest and time")
p=float(input())
r=float(input())
t=float(input())
si=(p*r*t)/100
print(si)

enter principle,rate of intrest and time
25000
7
8
14000.0

```

calculate area and perimeter of rectangle

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

```
enter length5
enter width6
area: 30.0
perimeter: 22.0
```

convert minutes to hours and minutes

```
minutes = int(input("Enter the number of minutes: "))

hours = minutes // 60
remaining_minutes = minutes % 60

print(f"{minutes} minutes is equal to {hours} hours and
{remaining_minutes} minutes.")
```

```
Enter the number of minutes: 55
55 minutes is equal to 0 hours and 55 minutes.
```