

Task 1 : Area of Circle

In [21]:

```
r = 6
pi = 3.14
area_of_Circle = r*r*pi
print("Area of Circle =" ,area_of_Circle)
```

Area of Circle = 113.04

Task 2 :- Print final price

In [4]:

```
# tax =18%
tax =0.18
sp= 85
Paid_tax = 0.18*85
cp= sp - Paid_tax
final_p = Paid_tax + cp
print("paid_tax = ",Paid_tax)
print("final_p", final_p)
```

paid_tax = 15.299999999999999
final_p 85.0

Task 3 :- Calculate amount in \$

In [6]:

```
INR = 3333
Dollars_1 = 75
Final_amount = INR/Dollars_1
print("Final_amount $" , Final_amount)
```

Final_amount \$ 44.44

Task 4 :- Purchasing power

In [1]:

```
inflation_rate = 7
INR = 500
purchasing_power = (INR - inflation_rate)/100
print("purchasing_power", purchasing_power)
```

purchasing_power 4.93

Task 5 :- Print name

In [7]:

```
print("Hello, I'm Linda. I'm learning Python")
```

Hello, I'm Linda. I'm learning Python

Task 6 :- Simple Interest

In [13]:

```
p = 5000
r = 3
t = 2
Simple_Interest = (p*r*t)/100
print("Simple_Interest =", Simple_Interest)
```

Simple_Interest = 300.0

Task 7 :- Compound Interest

In [14]:

```
p = 5000
r = 3
t = 2
Amount = p*(1+r/100)*t
print("Compound Interest =", Amount)
```

Compound Interest = 10300.0

Task 8 :- Swap

In [18]:

```
a = 5
b = 6
print ("a =",a,"b =",b)
swap= b
b = a
print ("a =",swap, "b =",a)
```

a = 5 b = 6
a = 6 b = 5

Task 9 :- Convert distance into miles

In [20]:

```
one_mile = 0.621
kilometer = 2
Distance = kilometer * one_mile
print("Distance =", Distance, "miles")
```

Distance = 1.242 miles

In []: