In [4]:
```
# wap to calculate area of rectangle
length = input("Please enter length ")
width = input("Please enter width ")
area = float(length) * float(width)
print(f"The area of rectange for given length {length} and width {width} is: {ar
```

```
The area of rectange for given length 12 and width 15 is: 180.0
```

In [14]:
```
#wap to caluclate simple intrest
principle_amount = input("Enter the priciple amount: ")
rate = input("Enter the rate: ")
time = input("Enter the time in years: ")
pa = float(principle_amount)
rt = float(rate)
tm = float(time)
simple_intrest = ( pa * rt * tm ) / 100
print(f"The simple intrest is: {simple_intrest}")
```

```
The simple intrest is: 5250.0
```

In [15]:
```
#Write a program to convert temperature from celcius to farenheit
celius = input("Please enter temprature in celcius ")
farenheit = (float(celius) * 9/5) +32
print(f"The temprature in Farenheit is: {farenheit}")
```

```
The temprature in Farenheit is: 98.6
```

In [18]:
```
#Wap to convert kilometers to Miles
kilometers = input("Please enter the number in KM ")
km = float(kilometers)
miles = km * 0.621
print(f"Miles for {km} Kilometers is: {miles}")
```

```
Miles for 10.0 Kilometers is: 6.21
```

In [23]:
```
#Wap to convert min to sec
min = input("Enter the minutes: ")
sec = int(min) * 60
print(f"The conversion on minutes {min} into seconds: {sec}")
```

```
The conversion on minutes 50 into seconds: 3000
```

In [20]:
```
#Wap to calulate volume of cube
side = input("Enter the side of cube ")
sd = float(side)
volume = sd * sd * sd
print(f"The total volume for side {sd} is: {volume}")
```

```
The total volume for side 15.0 is: 3375.0
```

In [22]:
```
#Wap to find the average of threee numbers
n1 = input("Please enter first number ")
n2 = input("Pleasee enter second number ")
n3 = input("Please enter third number ")
average = (float(n1) + float(n2) + float(n3) ) / 3
print(f"The average of three number is: {average}")
```

```
The average of three number is: 13.333333333333334
```

In [25]:
```
#Wap to calculate speed. formula speed = distance * time
distance = input("Enter distance traveled ")
```

```
time = input("Enter the time ")
speed = float(distance) * int(time)
print(f"The speed based on your time {time} and distance {distance} is: {speed}"
```

```
The speed based on your time 5 and distance 50 is: 250.0
```

In [30]:
```
#discounted_price = original_price - (original_price * discount / 100)
original_price = input("Enter oringal price ")
discount = input("Enter discount ")
op = float(original_price)
discounted_price = op - (op * float(discount) / 100)
print(f"The discounted price is: {discounted_price}")
```

```
The discounted price is: 90.0
```

In [ ]:
```

```