Q1) Create a function read three numbers find the average

In [9]:
```
def average(num1,num2,num3):
    avg=(num1+num2+num3)/3
    print(avg)
average(20,30,40)
```

```
30.0
```

Q2) Create a function ask the user enter the bill amount - enter the tip per - calculate total bill pay

In [13]:
```
def billing():
    bill=eval(input("Enter the bill:"))
    tip=eval(input("Enter the tip presentge:"))
    total_bill=bill+bill*tip/100
    print(f"the calculation of total:{total_bill}")
billing()
```

```
the calculation of total:2400.0
```

Q3) Create a function ask the user enter enter radius - calculate the area of the circle

In [15]:
```
import math
pi=math.pi
def cir_area():
    radius=eval(input("enter the radius:"))
    area=pi*radius*radius
    print(f"the circle area is:{area} which radius is:{radius}")
cir_area()
```

```
the circle area is:153.93804002589985 which radius is:7
```

Q4) Create a function ask the user enter breadth and height - calculate area of the traingle

In [17]:
```
def tri_area():
    height=eval(input("Enter the height"))
    breath=eval(input("Enter the breath"))
    area=(height+breath)/2
    print(f"the area of triangle is:{area}")
tri_area()
```

```
the area of triangle is:30.0
```

Q5) Create a function ask the user enter a number find it is even or odd

In [19]:
```
def odd_even():
    num=eval(input("Enter the number:"))
    if num%2==0:
        print(f"it is even number.")
    else:
```

```
        print(f"it is odd number.")
odd_even()
```

```
it is odd number.
```

Q6) create a function ask the user enter number find it is postive or ngeative or zero

In [21]:
```
def positive_negative():
    num=eval(input("Enter the number:"))
    if num>0:
        print("it is positive number.")
    elif num<0:
        print("it is neagitive number.")
    else:
        print("it is zero.")
positive_negative()
```

```
it is positive number.
```

Q7) cratae a function ask the user enter threes numbers find the greatet number

In [22]:
```
def greater_num():
    num1=eval(input("Enter the number1:"))
    num2=eval(input("Enter the number2:"))
    num3=eval(input("Enter the number3:"))
    if num1>num2 and num1>num3:
        print(f"the greatest number is:{num1}")
    elif num2>num3:
        print(f"the greatest number is:{num2}")
    else:
        print(f"the greatest number is:{num3}")
greater_num()
```

```
the greatest number is:6
```

In [ ]: