

In [2]:

```
#1. Take two input from user and print that input using python.  
x=input("Enter your Name:")  
y=input("Enter your favourite Sport:")  
print(x,y)
```

Enter your Name:Subhadip Das
Enter your favourite Sport:Volley Ball
Subhadip Das Volley Ball

In [3]:

```
#2. Write a python program to add two number and print it.(Input should be take from user).  
x=int(input("Enter the first Number:"))  
y=int(input("Enter the second Number: "))  
print(x+y)
```

Enter the first Number:10
Enter the second Number: 20
30

In [5]:

```
#3. Write a python program to check the inputted number is negative or positive.  
x=int(input("Enter the Number:"))  
if x>0:  
    print("The number is positive")  
else:  
    print("The number is Negative")
```

Enter the Number:-5
The number is Negative

In [4]:

```
#4. Write a python program to check the inputted number is positive negative or zero.  
x=int(input("Enter the Number:"))  
if x>0:  
    print("The number is positive")  
elif x<0:  
    print("The number is Negative")  
else:  
    print("Zero")
```

Enter the Number:-2
The number is Negative

In [6]:

```
#5. Write a python program to calculate the area of triangle.  
x=int(input("Enter the first side"))  
y=int(input("Enter the second side"))  
z=int(input("Enter the third side"))  
a=(x+y+z)/2  
area=(a*(a-x)*(a-y)*(a-z))**0.5  
print("Area of the triangle",area)
```

Enter the first side5
Enter the second side6
Enter the third side7
Area of the triangle 14.696938456699069

In [7]:

```
#6. Write a python program to check a number is even or odd.  
x=int(input("Enter the number:"))  
if(x%2)==0:  
    print("even")  
else:  
    print("odd")
```

Enter the number:5
odd

In [8]:

```
#7. Write a python program to check that a user is eligible for vote or not
x=int(input("Enter the age:"))
if x>18:
    print("The person is eligible for vote")
elif x==18:
    print("The person is eligible for vote")
else:
    print("The person is not eligible for vote")
```

Enter the age:17
The person is not eligible for vote

In [1]:

```
#8. Make a calculator using if-elif-else.(Perform all operation +,-,*,/,%).
Method =int(input("Enter the method number:"))
print("Enter two nos")
x=int(input("Enter the first no:"))
y=int(input("Enter the second no:"))
if Method==1:
    result=x+y
    print(result)
elif Method==2:
    result=x-y
    print(result)
elif Method==3:
    result=x*y
    print(result)
elif Method==4:
    result=x/y
    print(result)
else:
    print("Wrong")
```

Enter the method number:3
Enter two nos
Enter the first no:4
Enter the second no:3
12

In [2]:

```
#9. Write a python program to print all the natural number upto N.(value of N is imputed by user).
x = int(input("Enter any Number: "))
print("The List of Natural Numbers upto N")

for i in range(1, x + 1):
    print (i, end = ' ')
```

Please Enter any Number: 7
The List of Natural Numbers upto N
1 2 3 4 5 6 7

In [8]:

```
#10. Write a python program to print first 10 natural number using while loop.
x = int(input("Enter any Number: "))
i = 1
print("The first 10 natural number:")
while ( i <= x):
    print (i, end = ' ')
    i = i + 1
```

Please Enter any Number: 10
The first 10 natural number:
1 2 3 4 5 6 7 8 9 10

In [24]:

```
#11. Suppose you run a loop from 1 to 10 but you print only 1 to 5.
x=range(1,10)
y=x[0:5]
for i in y:
    print(i)
```

1
2
3
4
5

In [28]:

```
#12. Suppose you run a loop from 1 to 10 but you print all number except 5
for x in range(1,10):
    if (x == 5):
        continue
    print(x,end=' ')
```

1 2 3 4 6 7 8 9

In [14]:

```
#13. Write a python program to print all even number from 1 to 20.
x=int(input("Enter any Number:"))
y=int(input("Enter any Number:"))
print("All even numbers from 1 to 20:")
for i in range (x,y+1):
    if i%2==0:
        print (i, end = ' ')
```

Enter any Number:1

Enter any Number:20

All even numbers from 1 to 20:

2 4 6 8 10 12 14 16 18 20