In [1]:
```
#Python function to find the Max of three numbers
n1=int(input('enter num1:'))
n2=int(input('enter num2:'))
n3=int(input('enter num3:'))
if n1>n2 and n1>n3:
    print(n1,'n1 is greater')
elif n2>n3 and n2>n1:
    print(n2,'n2 is greater')
elif n3>n1 and n3>n2:
    print(n3,'n3 is greater')
```

```
enter num1:4
enter num2:3
enter num3:1
4 n1 is greater
```

In [4]:
```
#Python function to check whether the number is prime or not
num = 11
if num > 1:
   for i in range(2, num):
       if (num % i) == 0:
           print(num, "is not a prime number")
           break
   else:
       print(num, "is a prime number")
else:
   print(num, "is not a prime number")
```

```
11 is a prime number
```

In [5]:
```
#python function to find sum of squares of first n natural numbers
n=int(input('enter n value'))
t,s=0,0
for i in range(1,n+1):
    s=i*i
    t=t+s
    i=i+1
print('the sum of squares of first n natural numbers is:',t)
```

```
enter n value 5
the sum of squares of first n natural numbers is: 55
```

In [7]:
```
#program to find palindrome(number) using try,except and finally
try:
    n=int(input('enter a number'))
except:
    print('enter valid input of integer type')
else:
    temp=n
    rev=0
    while(n>0):
        digit=n%10
        rev=rev*10+digit
        n=n//10
    if rev==temp:
        print('palindrome')
    else:
        print('not a palindrome')
finally:
        print('done')
```

```
enter a number11
palindrome
done
```

In [8]:
```
#Python program to reverse a string
def reverse(s):
  str = ""
  for i in s:
    str = i + str
  return str
s = "computer science"
print ("The original string  is : ",end="")
print (s)
print ("The reversed string(using loops) is : ",end="")
print (reverse(s))
```

```
The original string  is : computer science
The reversed string(using loops) is : ecneics retupmoc
```

In [ ]:
```

```