l1=[1,2,3,4]  
l2=[5,6,7,8]  
l3=[]  
  
for i in range(len(l1)):  
 l3.append(l1[i]+l2[i])  
 print(l3)

=======================

*#d1={1:1,2:4,3:9,4:16,5:25}*d1={}  
  
for i in range(1,6):  
 d1[i]=i\*\*2  
  
print(d1)

======================

*#basics of module*import math  
  
print(math.e)  
print(math.pi)

===================

*#basics of module #in this case only use e and pi*import math as m  
  
print(m.e)  
print(m.pi)

===================

from math import \* print(e)  
print(pi)  
  
print(factorial(5))

====================

import sai  
  
print(sai.add(1,2))

=====================

f=1  
s=2  
n=3  
1,2,3,5,8,13   
*#write a fabonac series till 10 iterations*

def fib(n):  
 a = 0  
 b = 1  
 if n == 1:  
 print(a)  
 else:  
 print(a)  
 print(b)  
 for i in range(0,10):  
 c = a + b  
 a = b  
 b = c  
 print(c)  
fib(10)

=================================

a = 0  
b = 1  
  
print(a)  
print(b)  
for x in range(1,9):  
 c=a+b  
 a=b  
 b=c  
 print(c)

*#Exception handling  
#1.index error*l=[1,2,3,4]  
  
try:  
 print(l[2])  
 print(l[6])  
except IndexError:  
 print("the index is out of range")  
  
*#2.*def div(a,b):  
 try:  
 c=a/b  
 return c  
 except ZeroDivisionError:  
 return "can't divide by Zero"  
print(div(4,2))  
print(div(4,0))  
  
*#3.input function*try:  
 a=int(input('enter a number:'))  
 b=int(input('enter another number:'))  
print(a+b)

except(ValueError,ZeroDivisionError):  
 print("this value can't divide")

*#4.multiple*try:  
 a=int(input("enter the number:" ))  
 b=int(input("enter another number:"))  
 print(a/b)  
except(ValueError,ZeroDivisionError):  
 print("this value can't divide")

*#4.multiple*try:  
 a=int(input("enter the number:" ))  
 b=int(input("enter another number:"))  
 print(a/b)  
except(ValueError):  
 print("value error")  
except(ValueError, ZeroDivisionError):  
 print("ZeroDivisionError")

*#4.multiple*try:  
 a=int(input("enter the number:" ))  
 b=int(input("enter another number:"))  
 print(a/b)  
  
except(ValueError):  
 print("value error")  
except:  
 print("Other Errors")

*#4.multiple*try:  
 a=int(input("enter the number:" ))  
 b=int(input("enter another number:"))  
 print(a/b)  
  
except Exception as e:  
 print(e)

*#Raise exception*a=-10  
try:  
 if a<0:  
 raise ValueError  
 else:  
 print("the value of a is positive")  
except ValueError:  
 print("the value is negative")

*#s="sai12345" print only number*s="sai12345"  
  
for i in s:  
 if i.isdigit():  
 print(i,end=" ")  
*#1.pirnt star in triangle pattern  
#2.draw the star like pramid  
#3.s="good moring sai" reverse method output is goom dorngni sai  
#4.*