**Assignment:1***# Que1*a=3\*5/(2+3)  
print(a)  
import math  
a=math.sqrt(7+9)\*2  
print(a)  
a=(4-7)\*\*3  
print(a)  
a=(-19+100)\*\*(1/4)  
print(a)  
  
*# Que2*import random  
dict1={1:"Scissors",2:'Rock',3:'Paper'}  
print(dict1)  
  
num=int(input("enter a choice"))  
mun=random.randint(1,3)  
 *# print(num,mun)*if 1<=num<=3:  
 if dict1[mun]==dict1[num]:  
 print("Draw")  
  
 elif (dict1[mun],dict1[num]) ==(dict1[1],dict1[2]) :  
 print("You Won")  
 elif (dict1[mun],dict1[num]) ==(dict1[1],dict1[3]):  
 print("You Lose")  
 elif (dict1[mun],dict1[num]) ==(dict1[2],dict1[3]):  
 print("You Won")  
 elif (dict1[mun],dict1[num]) ==(dict1[2],dict1[1]):  
 print("You Lose")  
 elif (dict1[mun],dict1[num]) ==(dict1[3],dict1[1]):  
 print("You Won")  
 elif (dict1[mun],dict1[num]) ==(dict1[3],dict1[2]):  
 print("You Lose")  
else:  
 print("Invalid Input")  
*# Que3*for i in range(1,11):  
 if i!=10:  
 print(1/i,end=',')  
 else:  
 print(1/10)  
*# Que4*a=int(input("Enter a number"))  
if a<0:  
 a=int(abs(a))  
for i in range( a,-1,-1):  
 print(i)  
  
*# Que5*import random  
input("Enter")  
a=random.randint(1,6)  
print(a)  
  
*# que 6*import math  
ball1=(int(input("Enter x cooredinate")),int(input("Enter y cooredinate")),int(input("Enter value of radius")))  
ball2=(int(input("Enter x cooredinate")),int(input("Enter y cooredinate")),int(input("Enter value of radius")))  
  
if math.sqrt((ball1[0]-ball2[0])\*\*2+(ball1[1]-ball2[1])\*\*2)<ball1[2]+ball2[2]:  
 print("Balls are colliding")  
else:  
 print("Balls are not colliding")  
  
*#Que 7*word=input("Enter a word ")  
for i in ['a','e','i','o','u']:  
 if i in word.lower():  
 if word[0].lower() not in ['a','e','i','o','u'] :  
 print(word.lstrip(word[0])+word[0]+"ay")  
 else:  
 print(word+'hay')  
 break