1. ***Write a Python program to convert kilometers to miles?***

***km=float(input('enter distance in kilometers:'))***

***convo\_fac =0.621371***

***miles=km\*convo\_fac***

***print('%.3f kilometers is equal to %.3f miles'%(km,miles))***

1. ***Write a Python program to convert Celsius to Fahrenheit?***

***celsius=float(input('Enter the temperature in celsius:'))***

***fahrenheit=(celsius\*1.8)+32***

***print('%0.1f celsius is equal to %0.1f degree fahrenheit'%(celsius,fahrenheit))***

***3. Write a Python program to display a calendar?***

***import calendar***

***yy=int(input("enter year: "))***

***mm=int(input("enter month: "))***

***print(calendar.month(yy,mm))***

***4. Write a Python program to solve quadratic equations?***

***import cmath***

***a=float(input('enter a:'))***

***b=float(input('enter b:'))***

***c=float(input('enter c:'))***

***d=(b\*\*2)-(4\*a\*c)***

***sol1=(-b-cmath.sqrt(d))/(2\*a)***

***sol2=(-b+cmath.sqrt(d))/(2\*a)***

***print('The solution are {0} and {1}'.format(sol1,sol2))***

***5 . Write a Python program to swap two variables without a temp variable?***

***a=float(input("enter the first number: "))***

***b=float(input("enter the second number: "))***

***a=a+b***

***b=a-b***

***a=a-b***

***print("The value of a after swapping is:",a,"The value of b after swapping is:",b )***