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

**Ans: kilometers = float(input("Enter value in kilometers: "))**

**conv\_fac = 0.621371**

**miles = kilometers \* conv\_fac**

**print('%0.2f kilometers is equal to %0.2f miles' %(kilometers,miles))**

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

**Ans: celsius = 37.5**

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

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

1. Write a Python program to display calendar?

**Ans: import calendar**

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

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

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

1. Write a Python program to solve quadratic equation?

**Ans: import cmath**

**a = int(input(“a = ”)**

**b = int(input(“b = ”)**

**c = int(input(“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))**

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

**Ans: x = 5**

**y = 7**

**print ("Before swapping: ")**

**print("Value of x : ", x, " and y : ", y)**

**x, y = y, x**

**print ("After swapping: ")**

**print("Value of x : ", x, " and y : ", y)**