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

**def convertToMile(a):**

**return a/1.66**

**a = int(input("Enter in Km"))**

**print("Km into Miles: ", convertToMile(a))**

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

**def convertToF(a):**

**return (a\*1.8)+32**

**a = int(input("Enter in °C"))**

**print("°C to °F: ", convertToF(a))**

1. Write a Python program to display calendar?

**import calendar**

**m = int(input("Enter month"))**

**y = int(input("Enter Year"))**

**print("Calendar of ", calendar.month(y,m))**

1. Write a Python program to solve quadratic equation?

**import math**

**def solveQuad(a,b,c):**

**if((b\*b) > (4\*a\*c)):**

**x = math.sqrt((b\*b) - (4\*a\*c))**

**sol1 = (-b + x)/(2\*a)**

**sol2 = (-b - x)/(2\*a)**

**print("Solution is : {} and {}".format(sol1, sol2))**

**else:**

**print("Invalid Parameters")**

**print("Enter coeff of quad equation in format ax2 + bx + c \n")**

**a = int(input("ENter a: "))**

**b = int(input("ENter b: "))**

**c = int(input("ENter c: "))**

**solveQuad(a,b,c)**

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

**def swap(a,b):**

**a = a+b**

**b = a-b**

**a = a-b**

**return a,b**

**print("Enter base and height of triangle")**

**a = int(input("Enter Base"))**

**b = int(input("Enter Height"))**

**a,b = swap(a,b)**

**print("Swapped Variables a:{} b:{}".format(a,b))**