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

**Ans:- def convert(a):**

**return a \* 0.621371**

**print(convert(45))**

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

**Ans:- def convert(a):**

**return (a \* 9/5) + 32**

**print(convert(1))**

1. Write a Python program to display calendar?

**Ans:- import calendar**

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

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

**print(calendar.month(year, month))**

1. Write a Python program to solve quadratic equation?

**Ans:- import cmath**

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

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

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

**# calculate the discriminant**

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

**# find two solutions**

**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 a temp variable?

**Ans:- int1 = int(input("Enter first number: "))**

**int2 = int(input("Enter second number: "))**

**print('Old value of int1 is {0} and int2 is {1}'.format(int1, int2))**

**int1 = int1 + int2**

**int2 = int1 - int2**

**int1 = int1 - int2**

**# Display the result**

**print('New value of int1 is {0} and int2 is {1}'.format(int1, int2))**