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

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

conv\_fac = 0.62137

miles = kilometers \* conv\_fac

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

OUTPUT:-Enter value in kilometers: 3.5

3.50 kilometers is equal to 2.17 miles

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

Ans:-celsius = 37.5

fahrenheit = (celsius \* 1.8) + 3

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

OUTPUT:-37.5 degree Celsius is equal to 99.5 degree Fahrenheit

3.Write a Python program to display calendar?

Ans:-import calendar

yy = 2014 # year

mm = 11 # month

print(calendar.month(yy, mm))

OUTPUT:-November 2014

Mo Tu We Th Fr Sa Su

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

4.Write a Python program to solve quadratic equation?

ANS:-import cmath

a = 1

b = 5

c =6

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))

OUTPUT:-The solution are (-3+0j) and (-2+0j)

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

Ans:-x = 10

y = 5

x = x + y

y = x - y

x = x - y

print("After Swapping: x =", x, " y =", y)

OUTPUT:-After Swapping: x = 5 y = 10

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In [ ]:

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