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

**Ans** :- KM = int(input("Enter the KM : "))

Miles = 1.609 \* KM

print (f"Miles in {KM} Km is : {Miles}")

**Output :** Enter the KM : 5

Miles in 5 Km is : 8.045

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

**Ans :** Celcius = int(input("Enter the celcius : "))

Fahrenheit = (Celcius \* 9/5) + 32

print (f"{Celcius} degree of celcius is equal to = {Fahrenheit}")

**Output :** Enter the celcius : 3

3 degree of celcius is equal to = 37.4

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))

**Output :** Enter year: 2023

Enter month: 02

February 2023

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

1. **Write a Python program to solve quadratic equation?**

**Ans** : import cmath

a = 1

b = 4

c = 2

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

ans1 = (-b-cmath.sqrt(d))/(2 \* a)

ans2 = (-b + cmath.sqrt(d))/(2 \* a)

print('The roots are')

print(ans1)

print(ans2)

Output : The roots are

(-3.414213562373095+0j)

(-0.5857864376269049+0j)

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

**Ans** : a = 30

b = 20

print("Before swap a = {} and b = {}".format(a,b))

a, b = b, a

print("After swap a = {} and b = {}".format(a,b))

Output : Before swap a = 30 and b = 20

After swap a = 20 and b = 30