

1 Programming Assignment_2

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

In [19]:

```
1 km = float(input("Enter Kilometer : "))
2 miles = 0.62137119*km
3 print("Miles : ", miles)
```

Enter Kilometer : 4
Miles : 2.48548476

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

In [11]:

```
1 celsius = float(input("Enter Celsius : "))
2 fahrenheit = celsius*(9/5)+32
3 print("Fahrenheit : ", fahrenheit)
```

Enter Celsius : 32
Fahrenheit : 89.6

1.3 3. Write a Python program to display calendar?

In [9]:

```
1 import calendar
2
3 year = int(input("Enter Year : "))
4 month = int(input("Enter Month : "))
5 print(calendar.month(year, month))
```

Enter Year : 2022
Enter Month : 09
September 2022
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

1.4 4. Write a Python program to solve quadratic equation?

In [18]:

```
1 import cmath
2 a = int(input("Enter A : "))
3 b = int(input("Enter B : "))
4 c = int(input("Enter C : "))
5 d = (b**2)-(4*a*c)
6 solution_1 = (-b-cmath.sqrt(d))/(2*a)
7 solution_2 = (-b+cmath.sqrt(d))/(2*a)
8 print("Solution 1 : ", solution_1)
9 print("Solution 2 : ", solution_2)
10
```

Enter A : 1

Enter B : 7

Enter C : 9

Solution 1 : (-5.302775637731995+0j)

Solution 2 : (-1.6972243622680054+0j)

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

In [1]:

```
1 x = int(input("Enter X : "))
2 y = int(input("Enter Y : "))
3 x, y = y,x
4 print("X : ",x)
5 print("Y : ", y)
```

Enter X : 20

Enter Y : 10

X : 10

Y : 20