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

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

3. Write a Python program to display calendar?

4. Write a Python program to solve quadratic equation?

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

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

In [5]:

```python
#  1 KM  = 0.62137119 miles

kilo= float(input("Enter Kilometer "))

print('\n', kilo ," kilometer have ", kilo * 0.62137119
, "Miles")
```
```
Enter Kilometer 5

 5.0  kilometer have  3.10685595 Miles
```

In [ ]:

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

In [10]:

```
#  fahrenheit = celsius * 1.8 + 32

celsius = float(input("Enter temperature in celsius "))

fahr = celsius * 1.8 +32

print("Your temp in Fahrenheit is ", fahr)
Enter temperature in celsius 5
Your temp in Fahrenheit is  41.0
```

3. Write a Python program to display calendar?

```
import calendar

print(calendar.month(2022,11))
   November 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
```

```
print(calendar.calendar(2022))
2022

      January                   February
March
Mo Tu We Th Fr Sa Su    Mo Tu We Th Fr Sa Su
Mo Tu We Th Fr Sa Su
                 1  2           1  2  3  4  5  6
1  2  3  4  5  6
 3  4  5  6  7  8  9     7  8  9 10 11 12 13
 7  8  9 10 11 12 13
```

```
10 11 12 13 14 15 16          14 15 16 17 18 19 20
14 15 16 17 18 19 20
17 18 19 20 21 22 23          21 22 23 24 25 26 27
21 22 23 24 25 26 27
24 25 26 27 28 29 30          28
28 29 30 31
31
```

```
         April                          May
June
Mo Tu We Th Fr Sa Su          Mo Tu We Th Fr Sa Su
Mo Tu We Th Fr Sa Su
            1  2  3                                1
1  2  3  4  5
 4  5  6  7  8  9 10           2  3  4  5  6  7  8
6  7  8  9 10 11 12
11 12 13 14 15 16 17           9 10 11 12 13 14 15
13 14 15 16 17 18 19
18 19 20 21 22 23 24          16 17 18 19 20 21 22
20 21 22 23 24 25 26
25 26 27 28 29 30            23 24 25 26 27 28 29
27 28 29 30
                             30 31
```

```
         July                         August
September
Mo Tu We Th Fr Sa Su          Mo Tu We Th Fr Sa Su
Mo Tu We Th Fr Sa Su
            1  2  3            1  2  3  4  5  6  7
1  2  3  4
 4  5  6  7  8  9 10           8  9 10 11 12 13 14
5  6  7  8  9 10 11
11 12 13 14 15 16 17         15 16 17 18 19 20 21
12 13 14 15 16 17 18
```

```
18 19 20 21 22 23 24        22 23 24 25 26 27 28
19 20 21 22 23 24 25
25 26 27 28 29 30 31        29 30 31
26 27 28 29 30


        October                     November
December
Mo Tu We Th Fr Sa Su        Mo Tu We Th Fr Sa Su
Mo Tu We Th Fr Sa Su
                 1  2         1  2  3  4  5  6
1  2  3  4
 3  4  5  6  7  8  9         7  8  9 10 11 12 13
5  6  7  8  9 10 11
10 11 12 13 14 15 16        14 15 16 17 18 19 20
12 13 14 15 16 17 18
17 18 19 20 21 22 23        21 22 23 24 25 26 27
19 20 21 22 23 24 25
24 25 26 27 28 29 30        28 29 30
26 27 28 29 30 31
31
```

4. Write a Python program to solve quadratic equation?

```python
# import complex match module

import cmath

a= int(input("Enter a value "))
b= int(input("Enter b value "))
c= int(input("Enter c value "))

temp= (b**2)- (4*a*c)

ans1= (-b-cmath.sqrt(temp))/(2*a)
ans2= (-b+cmath.sqrt(temp))/(2*a)

print("+- roots are ",  ans1  ,  ans2)
```

```
Enter a value1
Enter b value4
Enter c value2
+- roots are   (-3.414213562373095+0j) (-
0.5857864376269049+0j)
```

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

```
a= input("Enter a value ")
b= input("Enter b value ")

print("Result is ",a,b)

b,a= a,b

print("swap result is ",a,b)
Enter a value 4
Enter b value 9
Result is  4 9
swap result is  9 4
```