

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

In [1]:

```
# taking input from user
kilo_meter = int(input("Enter the Kilometer : "))
maile = 0.621371

# converting kilometer to mile
con_mile = kilo_meter * maile

# displaying mile
print("the miles are : {}".format(con_mile))
```

Enter the Kilometer : 2
the miles are : 1.242742

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

In [2]:

```
# taking input form user
val_degc = int(input("Enter the value : "))

# converting deg celsius to fahrenheit
fah = (val_degc * 1.8) + 32

print("degree celsius to fahrenheit is : {}".format(fah))
```

Enter the value : 32
degree celsius to fahrenheit is : 89.6

3. Write a Python program to display calendar?

In [4]:

```
# importing calendar module
import calendar

# taking input from user
year = int(input('Enter year '))
month = int(input('Enter month '))

# display calendar
print(calendar.month(year, month))
```

Enter year 2020
Enter month 11
November 2020
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?

In [10]:

```
# taking input from user

a = int(input("Enter the value of a : "))
```

```
b = int(input("Enter the value of b : "))
c = int(input("Enter the value of c : "))

quad_sol1 = (-b + (b ** 2 - 4 * a * c) ** 0.5) / 2 * a
quad_sol2 = (-b - (b ** 2 - 4 * a * c) ** 0.5) / 2 * a

print("The solution of quadratic equation is : {0} and {1}".format(quad_sol1, quad_sol2))
```

```
Enter the value of a : 1
Enter the value of b : 2
Enter the value of c : 4
The solution of quadratic equation is : (-0.9999999999999999+1.7320508075688772j) and (-1-1.7320508075688772j)
```

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

In [15]:

```
a = int(input("Enter the value of a : "))
b = int(input("Enter the value of b : "))

print("before swaping two variable the value of a is {0} and b is {1}".format(a,b))

a , b = b,a

print("before swaping two variable the value of a is {0} and b is {1}".format(a,b))
```

```
Enter the value of a : 3
Enter the value of b : 2
before swaping two variable the value of a is 3 and b is 2
before swaping two variable the value of a is 2 and b is 3
```