PROGRAMING BASICS ASSIGNMENT 2

In [2]:
```python
#write a python program to convert kilometers into mile
kilometer_value=float(input('give the value in you want to convert in kilometer- '))
convert_mile=0.62137
miles=kilometer_value*convert_mile
print('the converted value is',miles)
```

```
give the value in you want to convert in kilometer- 12.32
the converted value is 7.6552784
```

In [4]:
```python
#2)WRITE A PYTHON PROGRAM TO CONVERT CELCIUS INTO FAHRENHEIT.
celcius_value=float(input('give the value of temp you got in celcius and get the value of temp in fahrenhiet- ' ))
fahrenhiet_converter=1.8*celcius_value+32
print('the converted value in fahrenheit scale is-',fahrenhiet_converter)
```

```
give the value of temp you got in celcius and get the value of temp in fahrenhiet- 12.6
the converted value in fahrenheit scale is- 54.68
```

In [9]:
```python
#3)write a python program to display calender
import calendar                   #it is a inbuilt module inside python
yy=int(input('give the year - '))
mm=int(input('give the month -'))
print(calendar.month(yy,mm))
```

```
give the year - 2050
give the month -10
    October 2050
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
31
```

In [7]:
```python
#4)Write a Python program to solve quadratic equation?

#we know quadratic equation are in the form of   a*x**2+b*x+c=0
a=float(input('give the value-' ))
b=float(input('give the value-' ))
c=float(input('give the value-' ))
part=(b**2-4*a*c)**0.5
sol_1=(-b+part)/(2*a)
sol_2=(-b-part)/(2*a)
print('the two solutions are {} and {}'.format(sol_1,sol_2))
```

```
give the value-2.3
give the value-5.7
give the value-9
the two solutions are (-1.2391304347826089+1.5419465762004638j) and (-1.2391304347826089-1.5419465762004638j)
```

In [11]:
```python
#5)Write a Python program to swap two variables without temp variable
x=input('give some string input=  ')
y=input('give some string input=  ')
x,y=y,x
print('the value of x after swaping- ' ,x)
print('the value of y after swaping- ' ,y)
```

```
give some string input=  boby
give some string input=  cornel
the value of x after swaping-  cornel
the value of y after swaping-  boby
```

In [ ]: