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

**Ans:** # Collect input from the user.  
kilometers = float (input ('How many kilometers? :'))  
conv\_fac =.621371  
miles = kilometers \* conv\_fac  
print ('%0.3f kilometers is equal to %0.3f miles' %(kilometers,miles))

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

**Ans:** celsius = float (input ('Enter temperature in Celsius: '))  
# calculate temperature in Fahrenheit.  
fahrenheit = (celsius \* 1.8) + 32  
print ('%0.1f Celsius is equal to %0.1f degree Fahrenheit'%(celsius,fahrenheit))

1. Write a Python program to display calendar?

**Ans:** import calendar  
# Enter the dat, month and year.  
yy = int (input ("Enter year: "))  
mm = int (input ("Enter month: "))  
dd = int (input ("Enter date: "))  
# display the calendar.  
print (calendar. month(yy,mm,dd))

1. Write a Python program to solve quadratic equation?

**Ans:** import cmath  
a = float (input ('Enter a: '))  
b = float (input ('Enter b: '))  
c = float (input ('Enter c: '))  
# calculate the discriminant.  
d = (b\*\*2) - (4\*a\*c)  
print(d)

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

**Ans:** x = 15  
y = 10  
x = x + y  
y = x - y  
x = x - y  
print ("After Swapping: x =", x, " y =", y)