Week 2 (Practice)

Exercise 1

Write a Python program to calculate the area of a trapezoid.
Note : A trapezoid is a quadrilateral with two sides parallel. The trapezoid is equivalent to the British definition of the trapezium. An isosceles trapezoid is a trapezoid in which the base angles are equal so.
Test Data :
Height : 5
Base, first value : 5
Base, second value : 6
Expected Output: Area is : 27.5

Exercise 2

Write a Python program to display the current date and time.
Note: import datetime is used.

Exercise 3

Write a Python program which accepts the radius of a circle from the user and compute the area.
Note: import pi is used.

Exercise 4

Write a Python program to calculate number of days between two dates.

Sample dates: (2017, 4, 5), (2017, 4, 15)
Expected output: 10 days

Exercise 5

Create a program that asks the user to enter their name and their age. Print out a message addressed to them that tells them the year that they will turn 100 years old.