CSE 215L: Programming Language II Lab

Section: 7, Fall 2020

Quiz-1

Student ID#	Problem to solve
1430452042	Task 2
1632789642	Task 2
1813368642	Task 1
1813511642	Task 2
1822028042	Task 1
1931053642	Task 1
1931433642	Task 2
2011007642	Task 1
2011173642	Task 2
2011202642	Task 2
2011436642	Task 1
2011574642	Task 1
2011623642	Task 2
2012027642	Task 1
2012061642	Task 2
2012095642	Task 2
2012178642	Task 2
2012202642	Task 1
2012314642	Task 2

2012340642	Task 1
2012365642	Task 2
2012468642	Task 1
2012712042	Task 2
2012824042	Task 2
2012842642	Task 1
2012851042	Task 2
2012872642	Task 2
2012927642	Task 2
2012952642	Task 1
2013044642	Task 2
2013075642	Task 1
2013248642	Task 2
2013354642	Task 1
2013433642	Task 2
2013476642	Task 2
2013525642	Task 2
2013754042	Task 1
2013788642	Task 1
2013914642	Task 1
2014012042	Task 2
2014233042	Task 1

*****You have to solve only one task: find the task allocated to you from the table above*****

Task 1.

If you buy 4 boxes of chocolates, you get 1 box of chocolates free. That means if you buy 4 boxes, in total you get 5. Write a method that takes n boxes bought and returns the total number of boxes you would get.

Sample inputs	Sample outputs
Boxes bought: 13	Total: 16
Boxes bought: 20	Total: 25
Boxes bought: 6	Total: 7

Task 2.

You are given 2 out of 3 angles in a triangle, in degrees. Write a method that classifies the missing angle as either "acute", "right", or "obtuse" based on its degrees.

- An acute angle is less than 90 degrees.
- A right angle is exactly 90 degrees.
- An obtuse angle is greater than 90 degrees (but less than 180 degrees).

Sample input	Sample output
Two angles: 34 99	The third angle: acute angle
Two angles: 56 20	The third angle: obtuse angle
Two angles: 47 43	The third angle: right angle