ASSIGNMENT 1 Object Oriented Programming

Java Programming Language

Introduction

Summer semester 2020

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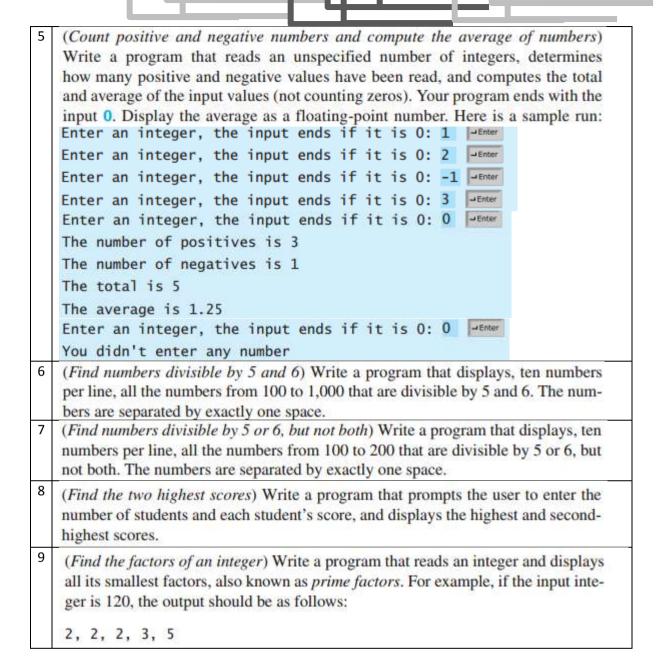
Try to write the most optimum solution for the following problems.

Use your full name as a title of message. My email is eng.slamaa@gmail.com

Dead-time 29-8-2020

Assignment

(Sort three integers) Write a program that prompts the user to enter three integers and displays them in increasing order. (Find the number of days in a month) Write a program that prompts the user to enter the month and year and displays the number of days in the month. For example, if the user entered month 2 and year 2000, the program should display that February 2000 has 29 days. If the user entered month 3 and year 2005, the program should display that March 2005 has 31 days. (Game: scissor, rock, paper) Write a program that plays the popular scissor-rockpaper game. (A scissor can cut a paper, a rock can knock a scissor, and a paper can wrap a rock.) The program randomly generates a number 0, 1, or 2 representing scissor, rock, and paper. The program prompts the user to enter a number 0, 1, or 2 and displays a message indicating whether the user or the computer wins, loses, or draws. Here are sample runs: scissor (0), rock (1), paper (2): 1 Finter The computer is scissor. You are rock. You won. scissor (0), rock (1), paper (2): 2 Linter The computer is paper. You are paper too. It is a draw. (Compute the perimeter of a triangle) Write a program that reads three edges for a triangle and computes the perimeter if the input is valid. Otherwise, display that the input is invalid. The input is valid if the sum of every pair of two edges is greater than the remaining edge. Here is a sample run: Enter three edges: 1, 1, 1 The perimeter is 3 Enter three edges: 1, 3, 1 WEnter The input is invalid



Best wishes Dr. Amany H. Slamaa