Lab Project 5

Functions

A particular talent competition has five judges, each of whom awards a score between 0 and 10 to each performer. Fractional scores, such as 8.3, are allowed. A performer's final score is determined by dropping the highest and lowest score received, then averaging the three remaining scores.

- Write a program that uses this method to calculate a contestants score. It should include the following functions:
  - **void getJudgeData()** – should ask the user for a judge's score, store it in a reference parameter variable, and validate it. This function should be called by **main** once for each of the five judges.
  - **float calcScore()** – should calculate the average of the three scores that remain after dropping the highest and lowest scores the performer received. This function should be called just once by **main** and should be passed the five scores.
  - **void findLowestHightest()** should find the lowest and the hightest of the five scores. It should be called by **calcScore()** , which can be used to determine which of the two scores to be dropped.
- Input Validation: Do not accept judge scores lower than 0 or higher than 10.