Assignment 6

The assignment must be submitted over the e-learning

Write a C++ program for Star Search in Judging a contest:

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 contestant's 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.

- void calcScore() should calculate and display 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. The last two functions, described below, should be called by calcScore , which uses the returned information to determine which of the scores to drop.

- int findLowest() should find and return the lowest of the five scores passed to it.

- int findHighest() should find and return the highest of the five scores passed to it.
  Input Validation: Do not accept judge scores lower than 0 or higher than 10.

You must SUBMIT only the C++ code (.cpp file) over the elearning.

 Programming assignments will be graded utilizing the following criteria:

> Program Design & Program Execution
> Satisfaction of specification
> Coding Style & comments
> Documentation

NOTE:
Your code must contain the information (as comments):
> Your complete Name
> Course Name
> Course Number
> Section
> Due Date
> Date Completed
> Date Submitted