

Judge's Score Sheet (I)

WAC Foundation Invitational Science Fair, 2015

Students must Print their names and fill in their project numbers below.

Student/Team Leader's Name - _____ Project Number _____

Names of Other Team Members - _____

Please Designate Score by Circling Appropriate Number

Note: Maximum score = 100 points; Most projects should fall in the range of 50-70 pts

I. Problem, Literature Review, and Hypotheses

1. Is the problem creative and clearly stated? Is the computational aspect of the problem emphasized?

1 2 3 4 5 6 7 8 9 10

2. Is there a thorough review of the literature? In particular, with respect to the computational aspects of the problem, have existing methods and existing proposals been explored?

1 2 3 4 5 6 7 8 9 10

(Total out of 20 = _____)

II. Design and Method

3. Does the method evidence technical skill? For instance, does the project evidence sophisticated knowledge and skill in coding, managing operating systems, managing file systems or perhaps applying advanced mathematics?

1 2 3 4 5 6 7 8 9 10

4. Does the project demonstrate originality either in the problem which is being addressed or approaches to solving the problem? This is partly a carry-over of Item 1.

1 2 3 4 5 6 7 8 9 10

5. Does the project demonstrate independence? How did the student(s) go about finding solutions to the problems he/she/they encountered?

1 2 3 4 5 6 7 8 9 10

6. How ambitious is the project? Does the scope of the project and the approach taken reasonably address the problem stated? To the extent necessary, are reasonable efforts made to optimize the programming?

1 2 3 4 5 6 7 8 9 10

(Total out of 40 = _____)

III. Reliance on Prior Work

7. Are clear delineations made between routines/code that were borrowed from existing sources and routines/code that are original to the project? Are borrowed sources properly credited?

1 2 3 4 5 6 7 8 9 10

(Total out of 10 = _____)

IV. Testing and Results

8. Is the project sufficiently tested? Can one be confident that the output is valid? For an application developed for general users, is sufficient effort made to test user input that could 'break' the program?

1 2 3 4 5 6 7 8 9 10

9. Are the results clearly presented and are proper conclusions drawn? Are the results sufficient to meet the demands of the problem? Does the student(s) identify any limitations/qualifications to the results?

1 2 3 4 5 6 7 8 9 10

(Total out of 20 = _____)

IV. Presentation

10. Is the presentation clear? Are the student(s) able to answer the judge's questions? Is the presentation board neat and easy to follow? Note that the ability to answer a judge's questions is very important and should probably be considered in many/most of the criteria above.

1 2 3 4 5 6 7 8 9 10

(Total out of 10 = _____)

Please add up your score and enter it below: Total Score

_____ (100 pts maximum)

Make sure to enter this number on the tally sheet.

Judge's Comments – We would appreciate your thoughts on how to strengthen the project; please note, your name will be removed and this sheet returned to the student(s).

Judge's Name (please print) _____ **Judge's Number** _____