

PRSEF USE ONLY  
 Student Name \_\_\_\_\_  
 Teacher \_\_\_\_\_  
 School \_\_\_\_\_

**Project # \_\_\_\_\_ Computer Science Feedback Form – Senior & Intermediate Division**

The purpose of this form is to provide one judge’s assessment of the strengths and weaknesses of the presenter’s work in order to improve future projects. It does not indicate how well the presenter performed with respect to other PRSEF participants.

Judging Criteria	Outstanding	Above expectations	At Expectations	Areas for Improvement	Points
<b>Scientific thought</b>	<input type="checkbox"/> Objective is clear, <b>ambitious</b> and <b>practical</b> <input type="checkbox"/> Approach to problem is <b>novel</b>	<input type="checkbox"/> Objective is clear and <b>practical</b> <input type="checkbox"/> Approach to problem is <b>new to the student</b>	<input type="checkbox"/> Objective is <b>clear but limited</b> <input type="checkbox"/> Approach to problem is <b>well-understood</b>	<input type="checkbox"/> Clarify and limit the objective <input type="checkbox"/> Reevaluate the approach to the problem to prevent potential failures	_____/20
<b>Programming methodology</b>	<input type="checkbox"/> Appropriate choice of computer language and <b>effective use</b> of language features <input type="checkbox"/> Program and data structure <b>well-fitted</b> to problem <input type="checkbox"/> Coding <b>standards and conventions</b> used	<input type="checkbox"/> Appropriate choice of computer language and language features sometimes <b>used</b> to advantage <input type="checkbox"/> Program and data structure <b>adequate</b> for the problem <input type="checkbox"/> Code commented <b>adequately</b> and with <b>good</b> variable naming	<input type="checkbox"/> Appropriate choice of computer language but language features <b>not used</b> to advantage <input type="checkbox"/> Program and data structure <b>sufficient</b> to solve the problem <input type="checkbox"/> Code comment <b>limited</b> and with <b>mediocre</b> variable naming	<input type="checkbox"/> Improve the choice of computer language and improve use of features of computer language <input type="checkbox"/> Redesign the program or data structures to prevent failures <input type="checkbox"/> Comment the code and use descriptive variable names	_____/20
<b>Analytical approach</b>	<input type="checkbox"/> User interface is <b>effective</b> <input type="checkbox"/> Processing algorithms correct and <b>efficient</b>	<input type="checkbox"/> User interface is <b>adequate</b> <input type="checkbox"/> Processing algorithms correct with <b>limited attention</b> to efficiency	<input type="checkbox"/> User interface is <b>weak</b> <input type="checkbox"/> Processing algorithms correct but <b>no consideration</b> for efficiency	<input type="checkbox"/> Redesign the user interface to prevent confusion <input type="checkbox"/> Correct the processing algorithms to produce expected results	_____/20
<b>Visual Presentation</b>	<input type="checkbox"/> Poster contains <b>concise summary</b> of algorithms, results, and sample input and output, including special cases <input type="checkbox"/> <b>Complete</b> diagrammatical description of program structure <input type="checkbox"/> Material is well organized and reader needs <b>no assistance</b>	<input type="checkbox"/> Poster contains <b>adequate</b> information <input type="checkbox"/> Algorithms are <b>described</b> <input type="checkbox"/> <b>Adequate samples</b> of input and output presented <input type="checkbox"/> <b>Limited</b> diagrammatical description of program structure <input type="checkbox"/> Material is organized and reader needs <b>minimal assistance</b>	<input type="checkbox"/> Poster contains <b>too much or too little detail</b> <input type="checkbox"/> Algorithms are <b>not sufficiently</b> described <input type="checkbox"/> <b>Missing some</b> important input and output conditions <input type="checkbox"/> <b>Limited attempt</b> at description of program structure <input type="checkbox"/> Material is organized so the reader <b>can navigate with help</b>	<input type="checkbox"/> Clarify the poster <input type="checkbox"/> Present the algorithms and correctly describe them <input type="checkbox"/> List input and output conditions with samples <input type="checkbox"/> Describe the program structure <input type="checkbox"/> Organize the material to assist the reader	_____/20
<b>Oral Presentation</b>	<input type="checkbox"/> Well prepared, reflects a deep understanding of the program and <b>how objective satisfied</b> <input type="checkbox"/> <b>Responds readily</b> to questions <input type="checkbox"/> Can <b>reason from experience</b> to suggest further improvements and extensions	<input type="checkbox"/> Well prepared, reflects a <b>deep</b> understanding of the program <input type="checkbox"/> <b>Familiarity</b> of background appropriate <input type="checkbox"/> Can <b>suggest</b> further improvements	<input type="checkbox"/> Well prepared, with a <b>superficial</b> understanding of the program <input type="checkbox"/> <b>Limited familiarity</b> with background <input type="checkbox"/> Suggestions for improvements are <b>very simple</b>	<input type="checkbox"/> Provide a complete description of the program <input type="checkbox"/> Become more familiar with the background material <input type="checkbox"/> Suggest at least one potential improvement	_____/20
<b>Judge’s Constructive Comment/Suggestion:</b>					<b>Judge’s Initials</b>