

# Coding and Programming Production Rating Sheet

Program Readability	Not Demonstrated	Below Expectations	Meets Expectations	Exceeds Expectations	Points Earned
Appropriate identifiers used for variables, constants, arrays, objects, etc.	Identifiers not used	Identifiers are used for programming elements but are incorrectly placed	Identifiers are used and are accurate in all instances	Identifiers exhibit an advanced knowledge of programming	
	0	1-7	8-14	15-20	
Commentary provided is readable, useful, and complete	No commentary provided	Commentary provided but is not logical	Logical and useful commentary provided	Commentary assists the user throughout the testing process	
	0	1-7	8-14	15-20	
General program documentation is readable, useful, and complete	Program documentation not provided	Program documentation contains errors	Program documentation is error free	Program documentation invites use of advanced features	
	0	1-7	8-14	15-20	

### Program Structure and Content

Program is concise and does not contain unnecessary complexity	Program contains unnecessary steps and is complex	Program contains unnecessary steps or is complex	Program does not contain unnecessary steps or complexity	Program incorporates at least one if-then sequence that saves the user steps	
	0	1-7	8-14	15-20	
Data storage is appropriate	Where data is stored is unclear	Where data is stored may not be secure	Data storage is clear and storage is secure	Data storage includes dynamic backup feature	
	0	1-7	8-14	15-20	
Program use follows a logical sequence	Program sequence is unclear	Program sequence contains one or more errors	Program sequence is logical and error free	Program sequence is logical, error free, and incorporates if-then sequences	
	0	1-7	8-14	15-20	

### Usability & Results

Program use and navigation	No help menu or navigation system incorporated	Includes basic help menu and usable navigation	Interface contains no spelling errors, has interactive help menu, and has no navigation errors	Program use also includes an intelligent feature such as an interactive help Q&A	
	0	1-7	8-14	15-20	
Program Results	Program produces inaccurate results	Program results contain logic errors	Program results are error free	Program results update dynamically and are error free	
	0	1-14	15-21	22-30	
Output Reports	Output reports are not accurate or not available	Output reports are not sufficient to analyze data	Output reports are error free and provide all necessary information to analyze data	Reports allow user to customize and analyze information	
	0	1-14	15-21	22-30	
<b>Project Subtotal (200 max)</b>					

### Penalty Points

Event Guidelines not followed	-5	<b>Total Penalty</b>	-
		<b>Grand Total</b>	

Name \_\_\_\_\_

School \_\_\_\_\_

Judge's Signature \_\_\_\_\_

Date \_\_\_\_\_

Judge's Comments \_\_\_\_\_