Row 1 Response to Ouestion 2 The written response to Program Design and Algorithm Development a program Design and a task. Response to The written response. Algorithm Development a process used to program Design and a task. Do NOT award a point if any one of the following is true: a process used to program Design and a task. Describes the data set is not described. The data set is not described. The data set is not described. The question; and a task. Do NOT award a point if any one of the following is true: a process used to find the data set. The data set is not described. The written response to process used to program Design and a task. Describes the process (such as process) (and a set is not described. The written response. The process (such as process) (such as process) (and a set is not described. The written response. The process (such as process) (and a set is not described. The written response. The process (such as process) (and a set is not described. The written response. The process (such as process) (and a set is not described. The written response. The process (such as process) (and a set from question 2.) (and a set from q	Data han: Open-Ended Act	ilided Activ	ity scoring ear	IVILY SCOTING GUIDENNIES AND NOTES	
Response to The written response: Development: an appropriate esign to solve or accomplish or accomplish Response to accomplish or accomplish Response to accomplish or accomplish Response to accomplish or acc	Skill	Task	Scoring Criteria	Decision Rules	Score & Notes
besign and an appropriate esign to solve Response to arecomplish Response to an appropriate esign to solve or accomplish Response to The written response: Besign and an appropriate esign to solve or accomplish Response to The written response: Response to The written response: Ouestion 3 Development: Response to The written response: Response to The written response: Ouestion 4 Development: Response to The written response: In the identified data set is not described. In the identified data s	Row 1 Program Design and	Response to Question 2	The written response: Describes the data	Do NOT award a point if any one of the following is true:	Student response earns this point: □Yes □No
an appropriate or accomplish Response to a process used to find the data set Response to a process used to find the data set Response to a provided program. Response to The written response: Augustion 4 - Describes the data set from question 2. In the identified data set. Augustion 2 Augustion 3 - Describes the data set from question 2. In the identified data set.	Algorithm Development:		set used to answer the auestion; and	 the data set is not described: or 	Comments:
Response to The written response: Do NOT award a point if: Question 3 Describes the esign and or accomplish Response to accomplish Response to The written response: Ouestion 4 Do NOT award a point if: Provided program. Provided program. Question 4 Do NOT award a point if: Question 4 Describes the class and are described class does that was created to represent entries in the identified data set. In the identified data set.	Determine an appropriate program design to solve a problem or accomplish a task.		Describes the process used to find the data set	the process for finding the data set is not described.	
Response to The written response: Do NOT award a point if: Question 3 an appropriate esign and are appropriate Response to The written response: Do NOT award a point if: Approcess used to implement the process (such as process)) and process (such as process (such as process)) and process (such as process (such as process)) and process (such as process) and process (such as process)) and process (such as process) and process (such as process)) and process (such as process) and process (such as process)) and process (such as process) and process (such as process)) and process (such as process (such as process)) and process (such as process)) and process (such as process) and process (such as process)) and process	Emerging				
Design and Question 3 • Describes the development an appropriate esign to solve or accomplish Design and an appropriate an appropriate an appropriate an appropriate an appropriate an appropriate esign to solve or accomplish Design and an appropriate an appropriate esign to solve or accomplish Development: Response to The written response: Do NOT award a point if: Author of that was created that was created that was created at a set from question 2. In the identified data set.	Row 2	Response to	The written response:	Do NOT award a point if:	Student response earns this point:
an appropriate esign to solve or accomplish Development: an appropriate esign to solve or accomplish	Program Design and Algorithm Development:	Question 3	 Describes the development 	 only one aspect of the process (such as 	⊔Yes ⊔No Comments:
Response to The written response: Question 4 • Describes the class Development: an appropriate esign to solve or accomplish	Determine an appropriate program design to solve a problem or accomplish a task.		process used to implement the provided program.	brainstorming) is described.	
Response to The written response: Question 4 • Describes the class the class that was created to represent entries in the identified data set.	Emerging				
Question 4 • Describes the class • the described class does that was created not match the identified Comm to represent entries data set from question 2. In the identified data set.	Row 3	Response to	The written response:	Do NOT award a point if:	
to represent entries in the identified data set.	Program Design and Algorithm Development:	Question 4	 Describes the class that was created 	 the described class does not match the identified 	□Yes □No Comments:
Proficient	Determine an appropriate orogram design to solve a problem or accomplish a task.		to represent entries in the identified data set.	data set from question 2.	
	Proficient				

Skill (continued)	Task	Scoring Criteria	Decision Rules	Score & Notes
Row 4	Response to Question 4	The written response:	Do NOT award a point if any one of the following is true:	Student response earns this point:
Algorithm Development: Determine an appropriate		variables used and why they were chosen.	 the response does not discuss instance variables; or 	Comments:
program design to solve a problem or accomplish a task.			 the instance variables discussed do not match the overall class description; or 	
Proficient			 the response does not discuss why the instance variables were chosen. 	
Row 5	Response to Question 5	 Selected code segment contains 	Do NOT award a point if any one of the following is true:	Student response earns this point:
Code Implementation:		an algorithm to	- n	
Write a program to create objects of a class and		process data.	 the code segment does not contain an algorithm to process data; or 	Comments:
call methods. Proficient			the code segment contains syntax errors; or	
			 data is not stored in an array or ArrayList 	
Row 6	Response to	Written response:	Do NOT award a point if any	Student response earns this point:
Documentation:	Question 5	 Describes 	one of the following is true:	
Describe the behavior of a given segment of program code.		now data was processed in order to answer the identified	 process is not described; or the description provided does not match the provided code segment 	Comments:
Advanced		question.		