**Create PT - Written Response Template**

[Assessment Overview and Performance Task Directions for Students](https://apcentral.collegeboard.org/pdf/ap-csp-student-task-directions.pdf)

**WRITTEN RESPONSES (CREATED INDEPENDENTLY) Complete your responses to prompts 3a – 3d, which are described below. Collaboration is not allowed on the written responses. Instructions for submitting your written responses are available on the AP Computer Science Principles Exam Page on AP Central.**

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| **3 a. In this section, provide written responses to the following prompts. Approx. 150 words (for all subparts of 3a combined)** |
| 1. **Describe the overall purpose of the program** |
| 1. **Describe what functionality of the program is demonstrated in the video** |
| 1. **Describe the input and output of the program demonstrated in the video** |

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| **3b. In this section you will write about a list (or other collection type) you created during the administration of this task. Approx. 200 words (for all subparts of 3b combined, exclusive of program code)** |
| 1. **Capture and paste a program code segment that shows how data has been stored in the list** |
| 1. **Capture and paste a code segment that shows the data in the same list being used in your program, such as creating new data from the existing data or accessing multiple elements in the list, as part of fulfilling the program’s purpose.** |
| 1. **Identify the name of the list being used in this response** |
| 1. **. Describe what the data contained in the list represents in your program** |
| 1. **Explain how the selected list manages complexity in your program code by explaining why your program code could not be written, or how it would be written differently, if you did not use the list.** |

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| **3c. In this section, you will discuss code segments you developed during the administration of this task that contain a student-developed procedure that implements an algorithm used in your program and a call to that procedure. Approx. 200 words (for all subparts of 3c combined, exclusive of program code)** |
| 1. **Capture and paste a code segment that shows a student-developed procedure that does the following:**     1. **Defines the procedure’s name and return type (if necessary)**    2. **Contains and uses one or more parameters that has an effect on the functionality of the procedure**    3. **Implements an algorithm that includes sequencing, selection, and iteration** |
| 1. **Capture and paste a code segment that shows where your student-developed procedure is being called in your program** |
| 1. **Describe in general what the identified procedure does and how it contributes to the overall functionality of the program** |
| 1. **Explain in detailed steps how the algorithm implemented in the identified procedure works. Your explanation must be detailed enough for someone else to recreate it.** |

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| **3 d. In this section, provide written responses to the following prompts. Approx. 200 words (for all subparts of 3d combined)** |
| 1. **Describe two calls to the procedure identified in written response 3c. Each call must pass a different argument(s) that causes a different segment of code in the algorithm to execute.**   **First call:**  **Second call:** |
| 1. **Describe what condition(s) is being tested by each call to the procedure.**   **Condition(s) tested by first call:**  **Condition(s) tested by second call:** |
| 1. **Identify the result of each call.**   **Result of the first call:**  **Result of second call:** |

Export or save this document as a PDF and turn in to the [AP Digital Portfolio](https://digitalportfolio.collegeboard.org/) along with your **Video** and **Program Code** (separate files).