

Create PT - Written Response

Template [Assessment Overview and Performance Task Directions](#)

for Students

Video Submit one video in .mp4, .wmv, .avi, or .mov format that demonstrates the running of at least one significant feature of your program. Your video must not exceed 1 minute in length and must not exceed 30MB in size

Prompt 2a. Provide a written response or audio narration in your video that:

- identifies the programming language;
- identifies the purpose of your program; and
- explains what the video illustrates.

(Must not exceed 150 words)

My partner and I has made a program game with Javascript. The main idea of our game is to let the user experience a fun roleplay adventure by completing different mini games and have the chance to choose different responses to interact in the story game. Both interactions and tasks needed to be accomplished within our game is the best way to make the user feel as if he or she is living in a fantasy world, makes it more believable. As cutscenes and mini games that ties together in order are all completed, the entire game is finished. The video playthrough of our game presents how making one mistake leads you to retake the mission you failed on again until you pass and get to move on to the next. While playing through, it displays that the are some interactions within the game.

2b. Describe the incremental and iterative development process of your program, focusing on two distinct points in that process. Describe the difficulties and / or opportunities you encountered and how they were resolved or incorporated. In your description clearly indicate whether the development described was collaborative or independent. At least one of these points must refer to independent program development. *(Must not exceed 200 words)*

Both of us happened to come across a little difficulty of our images that we chose to be our background screens that ended up being squished and distorted. We ended up having to choose a much smaller picture so it wouldn't be altered so much by the size of the game screen. While creating our mini maze, we wanted the barriers when touched would make the player restart again. There was an issue of making all the barriers to function, and the resolution was to name each individual different but with the same function. Same as for having the coins to be collected in the maze. Naming each individual pieces guaranteed the chance of working smoothly.

2c. Capture and paste a program code segment that implements an algorithm (marked with an **oval** in **section 3**) and that is fundamental for your program to achieve its intended purpose. This code segment must be an algorithm you developed individually on your own, must include two or more algorithms, and must integrate mathematical and/or logical concepts. Describe how each algorithm within your selected algorithm functions independently, as well as in combination with others, to form a new algorithm that helps to achieve the intended purpose of the program. *(Must not exceed 200 words)*

Code Segment

```
onEvent("Okay", "click", function( ) {
```

```
    setScreen ("Jail2");
```

```
});
```

```
onEvent("okay", "click", function( ) {
```

```
    setScreen("Hallway");
```

```
});
```

```
onEvent("next", "click", function( ) {
```

```
    setScreen("Hallway2");
```

```
});
```

```
onEvent("option1", "click", function( ) {
```

```
    setScreen("Option1Route");
```

```
});
```

```
onEvent("tryagain2", "click", function( ) {
```

```
    setScreen("Hallway2");
```

```
});
```

```
onEvent("option2", "click", function( ) {
```

```
    setScreen("Option2Route");
```

```
});
```

```
onEvent("tryagain3", "click", function( ) {
```

```
    setScreen("Hallway2");
```

```
});
```

```
onEvent("option3", "click", function( ) {
```

```
    setScreen("PotionThrow");
```

```
});
```

```
onEvent("throw", "click", function( ) {
```

```
    setScreen("GetOut");
```

```
});  
  
onEvent("Let'sGo", "click", function( ) {  
  
    setScreen("Forest");  
  
});
```

Our functions independently work on its own by

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2d. Capture and paste a program code segment that contains an abstraction you developed individually on your own (marked with a **rectangle** in **section 3**). This abstraction must integrate mathematical and logical concepts. Explain how your abstraction helped manage the complexity of your program. *(Must not exceed 200 words)*

My abstraction has helped manage the complexity of our program

Code Segment

```
onEvent("option1", "click", function( ) {  
    setScreen("Option1Route");  
});  
onEvent("tryagain2", "click", function( ) {  
    setScreen("Hallway2");  
});  
onEvent("option2", "click", function( ) {  
    setScreen("Option2Route");  
});  
onEvent("tryagain3", "click", function( ) {  
    setScreen("Hallway2");  
});  
onEvent("option3", "click", function( ) {  
    setScreen("PotionThrow");  
});  
onEvent("throw", "click", function( ) {  
    setScreen("GetOut");  
});
```

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Export or save this document as a PDF and turn in to the AP Digital Portfolio along with your **Video** and **Program Code** (separate files).