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| **AP CSP Python with CodeBot**  **PT Practice #1 Activity Guide** | | **Name:** |
| **Introduction** | | |
| During this assignment, you will create a practice Performance Task project. | | |
| **Warm-Up** | | |
| This program will build on the concepts and program from Mission 5 after unit 4: LineSense\_loops  Open the program in CodeSpace.  What does this program do? |  | |
| **PT Practice #1** | | |
| What are the requirements for the Create PT Project? |  | |
| What requirements does LineSense\_loops already fulfill? |  | |
| What requirements does LineSense\_loops lack? |  | |
| What are some ways you can modify the program to meet all the Create PT requirements? |  | |
| Use this space to take notes as you modify the program. |  | |
| Give a function call that results in a True if statement, and explain what the if statement will do. |  | |
| Give a function call that results in a False if statement, and explain what the if statement will do. |  | |
| What other modifications can you think of for the LineSense program? |  | |
| **Wrap-Up** | | |
| What modifications did you make to the program so that it meets all the Create PT requirements? |  | |
| A potential question during the AP Exam is about understanding potential errors so you can avoid them. The if statement you added will avoid a potential error. But there are others. Here is a practice writing prompt for the Create PT:  Consider the procedure included in part(i) of the Procedure section of your PPR. Describe a change to your procedure that will result in a run-time error. Explain why this change will result in a run-time error. |  | |
| During this lesson you created a new program: PT\_CodeBot\_Practice1. Copy and paste a link to your code: | | |