AP CSP Python with CodeX **PT Practice #3 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 9: Game_Spinner_traversal Open the program in CodeSpace. What does this program do?	Answers will vary. Possible answer: ● The program spins an arrow 30 times and then selects a random arrow. It can be used as the spinner for a board game. It uses a built-in list of 8 arrows.
The new PT Practice program will also use an if statement structure similar to the one PT_Practice1. Open the program in CodeSpace. Explain how the parameter is used in an if statement.	Answers will vary. Possible answer: The parameter choice will have a value of 1 or 2. If the value is 1, the list for traversing is the first pix list. Otherwise the list for traversing is the second pix list.

PT Practice #3

What are the requirements for the Create PT Project?	Answer should include: ● A list is created ● Information in the list is used ● A function with a parameter ● The parameter is used in an if statement ● The function has a loop and an if statement
What requirements does Game_Spinner_traversal already fulfill?	Answer should include: ● Uses data from a list ● Has a function with parameter ● Parameter affects the function execution ● Function has a loop
What requirements does Game_Spinner_traversal lack?	Answer should include: ● It needs to create a list ● The function needs an if statement
What are some ways you can modify the program to meet all the Create PT requirements?	Answers will vary. Independent or group brainstorming.
Use this space to take notes as you remix the program.	Notes as needed
What other modifications can you think	Answers will vary. Independent or group brainstorming.

of for the Game_Spinner program?	
Wrap-Up	
What modifications did you make to the program so that it meets all the Create PT requirements?	Answers will vary. Possible answers include: ● Created two lists of students. ● Used a variable for the parameter: period ● Used the parameter in an if statement to select a list. ● Changed the main program. ● Added a menu function.
Describe the purpose and function of the program.	This was reviewed at the end of the slides. Possible answer: The purpose of the program is an educational tool to help teachers have equity in the classroom. The function of the program is to be a random student selector.
Describe the intended user of the program. Be specific.	The intended user is an educator.
Explain how the input to your program is received and how expected corresponding output(s) are produced as a result.	Possible answer: Input is received through button presses. A button is pressed to select the class period of student names. Then a button is pressed to randomly select a student from the class period.
During this lesson you created a new program: PT_Practice3. Copy and paste a link to your code: *Student goes to File-Share File and then pastes the link here.*	