

VEX CTE Workcell

Unit 3 - Lesson 1: Introduction to VEXcode Projects

1. How do you run a project?

- Select the **RUN** button in the top right corner of the Toolbar.
 - Double-click on the project file in your device's downloads folder.
 - Drag a block into the workspace.
 - Select **File** then **Save to Your Device**.
-

2. Which action is used to stop a running project?

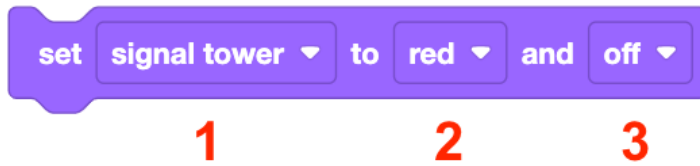
- Select **File**, then **Stop**.
 - Select the **STOP** button in the top right corner of the Toolbar.
 - Remove a block from the workspace.
 - Save the project.
-

3. How do you use the Controlled Stop when a project is being run?

- Open the Teach Pendant and select **Arm Jogging**.
 - Press the Controlled Stop button on the Signal Tower.
 - Unplug the Smart Cable from the Signal Tower.
 - Select the **STEP** button in the Toolbar.
-

4. Which of the following best describes the purpose of the Controlled Stop in industrial robotics?

- It is a safety feature designed to prevent collisions with obstacles, or other unwanted human interactions with a robotic arm.
 - It is a convenience feature that starts a robotic arm's movement with the press of a button.
 - It is a safety feature that shows if the robotic arm is in distress, but does not stop the motion of the arm.
 - It is a feature that makes the robotic arm able to automatically shut off if it gets too hot.
-



5. Which parameter option in this image sets the color of the Signal Tower?

- a. 1
- b. 2
- c. 3
- d. That parameter option is not listed in this image.