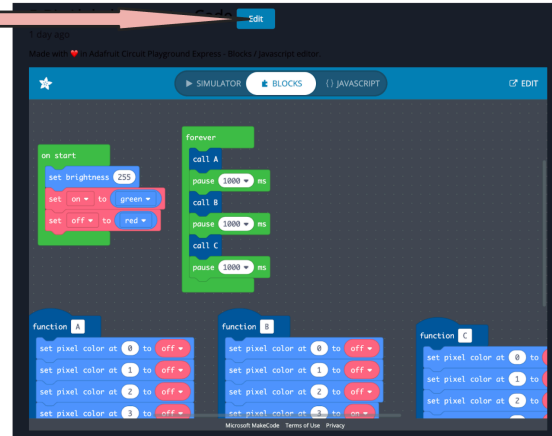Student Handout

Starter Code Scaffold

Part 1: Setup the Starter Code

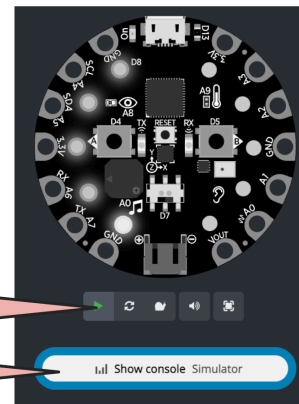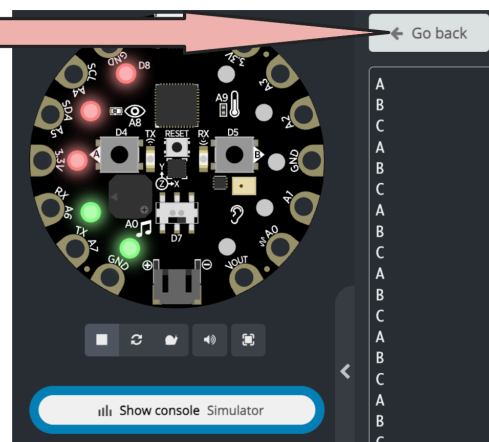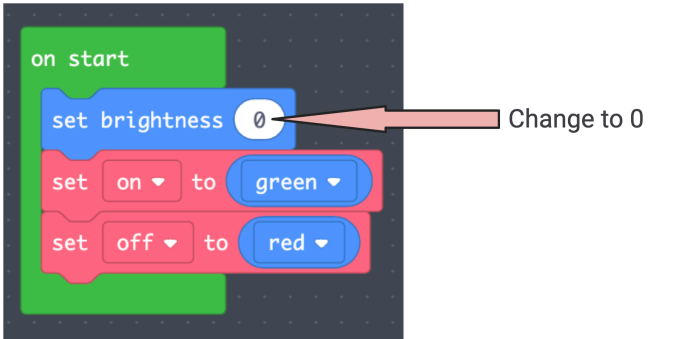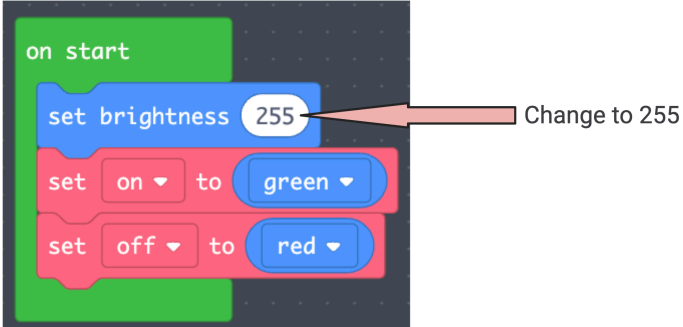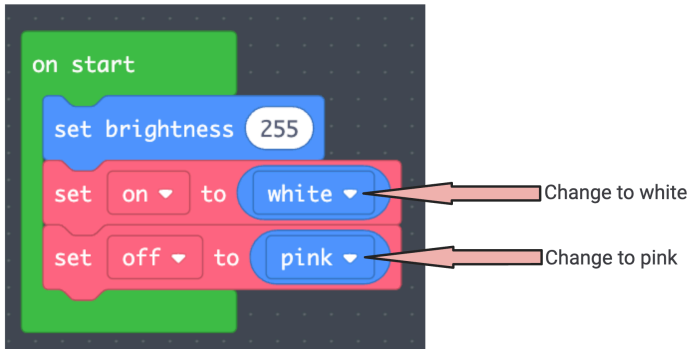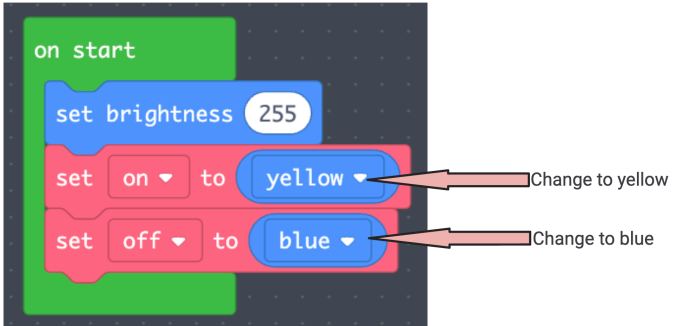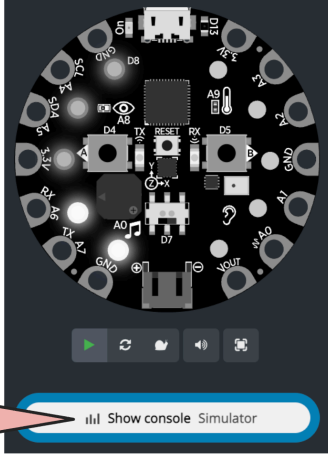|	
1. Click Edit. You will be able to see the code and the simulator on one screen now.	Click "Edit"
2. Click the Play button on the left side of the screen under the Circuit Playground Express image. You should see some of the lights on the simulator turn green and red. Next, click show console simulator. You should see letters running down the screen.	Click Play Button Click Show console Simuator
3. To go back to the code, click Go Back. You can toggle between the console simulator and the code to see what is happening as we explore the code.	Click Go Back

Part 2: Brightness

Code	What happened?
Change to 0	
Change to 125	
Change to 255	

Part 3: Colors

Code	What happened?
on start set brightness 255 set on to white ← Change to white set off to pink ← Change to pink	
on start set brightness 255 set on to yellow ← Change to yellow set off to blue ← Change to blue	

Part 4: Console Log

Change to
"This is function A"

Change to
"I am B"

Change to
"Look! It's C!"

Click "console log simulator" to see what gets printed out after the change.		
What does function "A" print?	What does function "B" print?	What does function "C" print?

Click show console Simulator