Name: 

**MISSION 6 LOG**

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| --- | --- |
| **Pre-Mission Preparation** | |
| Make a list of blinking indicators, like flashing road signs or traffic lights: |  |
| **Mission Objective #4** | |
| Click on **LOOP**. Write the definition of “loop”: |  |
| Write a fact about loops: |  |
| Write the definition of “while loop”: |  |
| Click on **condition**. What is the result of a condition? |  |
| Give an example of a condition: |  |
| **Mission Objective #5** | |
| Write a definition of “infinite loop”: |  |
| **Mission Objective #6** | |
| CodeX has 6 buttons that are used as input. Click on “CodeX buttons” and use the information in the toolbox to write the name of each button:   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | BTN\_U |  | BTN\_D |  | BTN\_L |  | | BTN\_R |  | BTN\_A |  | BTN\_B |  | | |
| **Mission Objective #10 & 11** | |
| Give an example of code that will increment: |  |
| Give an example of code that will decrement: |  |
| **Post-Mission Reflection** | |
| What are some things with buttons you might want to program to control something? |  |