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| **Mission 2 Assignment Log** | **Name:** |
| **Pre-Mission Preparation** | |
| List some peripherals used for input: |  |
| This mission will enable you to use peripherals to launch the rocket. What peripherals do you think you will use? What steps do you think are needed for the rocket launch? |  |
| **Mission 2 Checks** | |
| Objective #1  What is the red LED used for?  What are the constants needed for the red LED? |  |
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| Objective #2  During lift-off, what is the switch used for?  What is the value of switch when OUT?  What is the value of switch when IN? |  |
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| Objective #3  What is == used for?  What is = used for? |  |
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| Objective #4  What is the value of POWER\_ON?  What is the value of PRESSED? |  |
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| Objective #5  Give a definition of “algorithm”:  Give a definition of “abstraction”: |  |
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| Objective #6  Explain what should happen for each test case:   |  |  | | --- | --- | | Both button and switch are ON |  | | The switch is ON and the button is OFF |  | | The button is ON and the switch is OFF |  | | Neither button or switch is ON |  | | |
| Objective #7  Where do you call the “lift\_off()” function? |  |
| **Post-Mission Reflection** | |
| Explain how the functions you wrote for the mission are an abstraction: |  |
| Give an example of a device you have seen or used that uses a button or switch for input? |  |