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| **AP CSP Python with Robots**  **Mission 7 Obj 6-9 Assignment** | | **Name:** |
| **Mission 7 Introduction** | | |
| Read the introduction and project goals. During this assignment, you will complete the fourth and fifth goals. | | |
| **Mission 7 Objectives 6-9** | | |
| Complete Objective 6. You have already created the function, so the goals should be met. |  | |
| Complete Objective 7. Follow CodeTrek to add another function.  Remember to change the values of power and thresh. |  | |
| Open the console log. Press BTN-1 to calibrate. Try CodeBot on different surfaces. Record your results.   |  |  |  | | --- | --- | --- | | Surface Color | Power | Threshold | | Desk edge |  |  | | Dark color |  |  | | white color |  |  | |  |  |  | |  |  |  | | | |
| Complete Objective 8. Even though you know how to define a function for driving, don’t do this yet. Just follow CodeTrek. | *You can drive at (0, 0) speed as a way to “stop” the motors.*  *Also, don’t forget to enable the motors!* | |
| Complete Objective 9. Follow CodeTrek to add a **go\_motors** variable and another **if statement** for a button pressed. | *Place the if statement just under the first if statement for button 1 (not where you see it in CodeTrek).* | |
| After Objective 9, turn in this assignment | | |