Documentation On how to control the Arduino Program

1. To move the robot:
   - Pass the command: m <Steps in int> <Speed in int> (<> - not included)
   - Steps can be from 0 to infinite (800 is one revolution of tyre)
   - Speed can only be from 200 to 4000 (400 is recommended)
2. To rotate the robot:
   - Pass the command: r <Steps in int> <Speed in int> (<> - not included)
   - Steps can be from 0 to infinite
   - Speed can only be from 200 to 4000 (400 is recommended)
3. To change the acceleration and de – acceleration (default is 4000)
   - Pass the command: a <acceleration in int> (<> - not included)
   - 1000 to 5000 is the limit

4. To immediately stop the motors regardless of the state:
   - Pass the command: n
5. To immediately reset the motors state and position regardless of the state:
   - Pass the command: s
6. To get the info on the stepper positions:
   - Pass the command: p
7. To Block the motors in place (Warning: Do not do it for a long time, the motors can get really hot and may be damaged)
   - Pass the command: b
8. To disable the block from the motors: (DO it as soon as you finish your movement, though I made it so that if you forget, the motors have a 30seconds auto turnoff)
   - Pass the command: d
9. TO change the mode from the steps to mm to move the motor and vice versa:
   - Pass the command: c