Project Name:Line Following Robot

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**Testing Of Components:**

1. Hardware Components
2. Software Components

* **Hardware Components testing:**

1. Arduino UNO:Arduino Uno are testing to use a sample code that is given in the example of basics.
2. Motor Driver:Motor driver are also testing to use a sample code that is given in the example of arduino or online.
3. Switch:Using power supply.
4. IR Sensors:Reading of light.

* **Software Components Testing:**

1. Arduino Compiler:Run sample test and if the result is obtained,then no problem.

* **Integration Testing**:In the integration testing one by one increment method are using because it is very helpful to find out bug of the system.For that reason,different steps are taken and steps are given below:

1. Firstly Check arduino UNO.
2. Then add IR sensors and test.
3. After that add switch and test.
4. After that add motor driver and send data and check.
5. Add power supply,if all is okay,we are good to go.