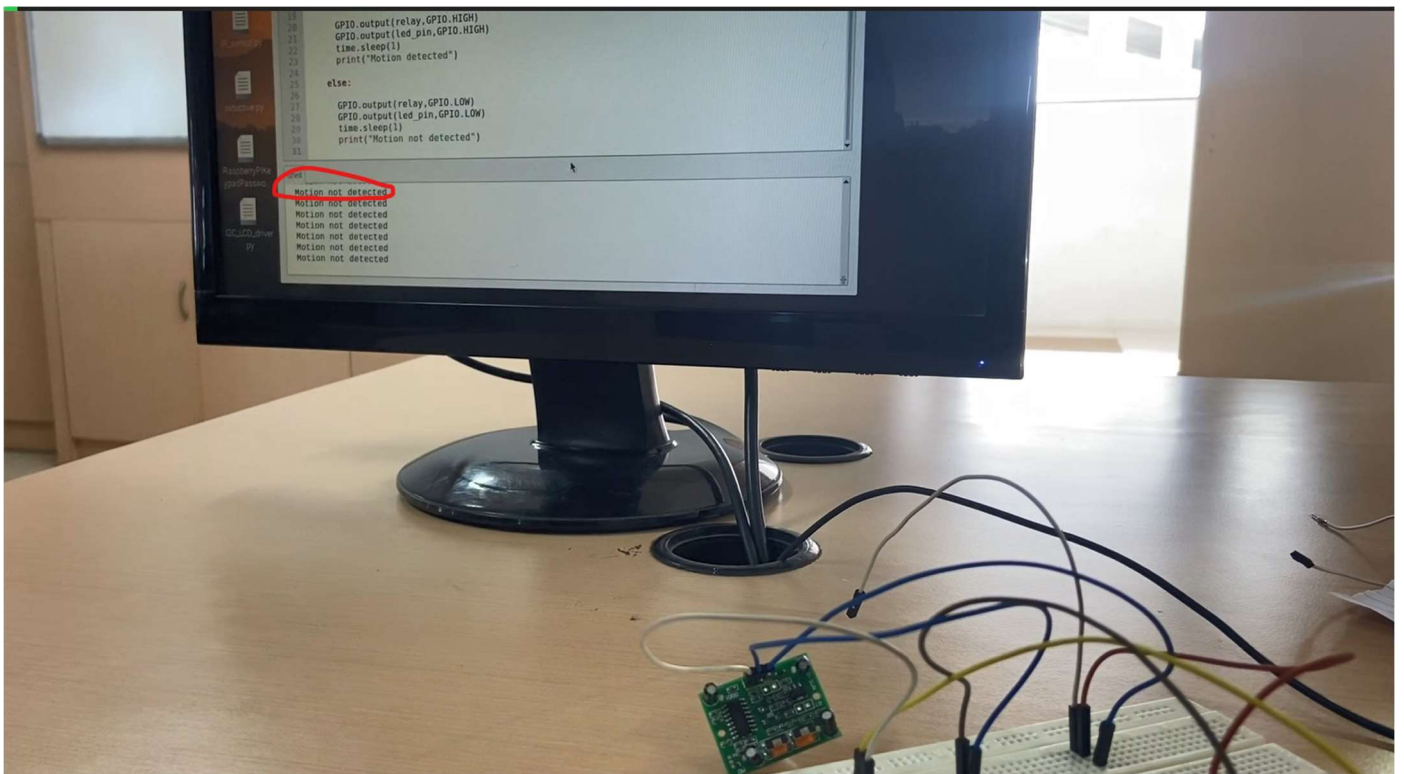


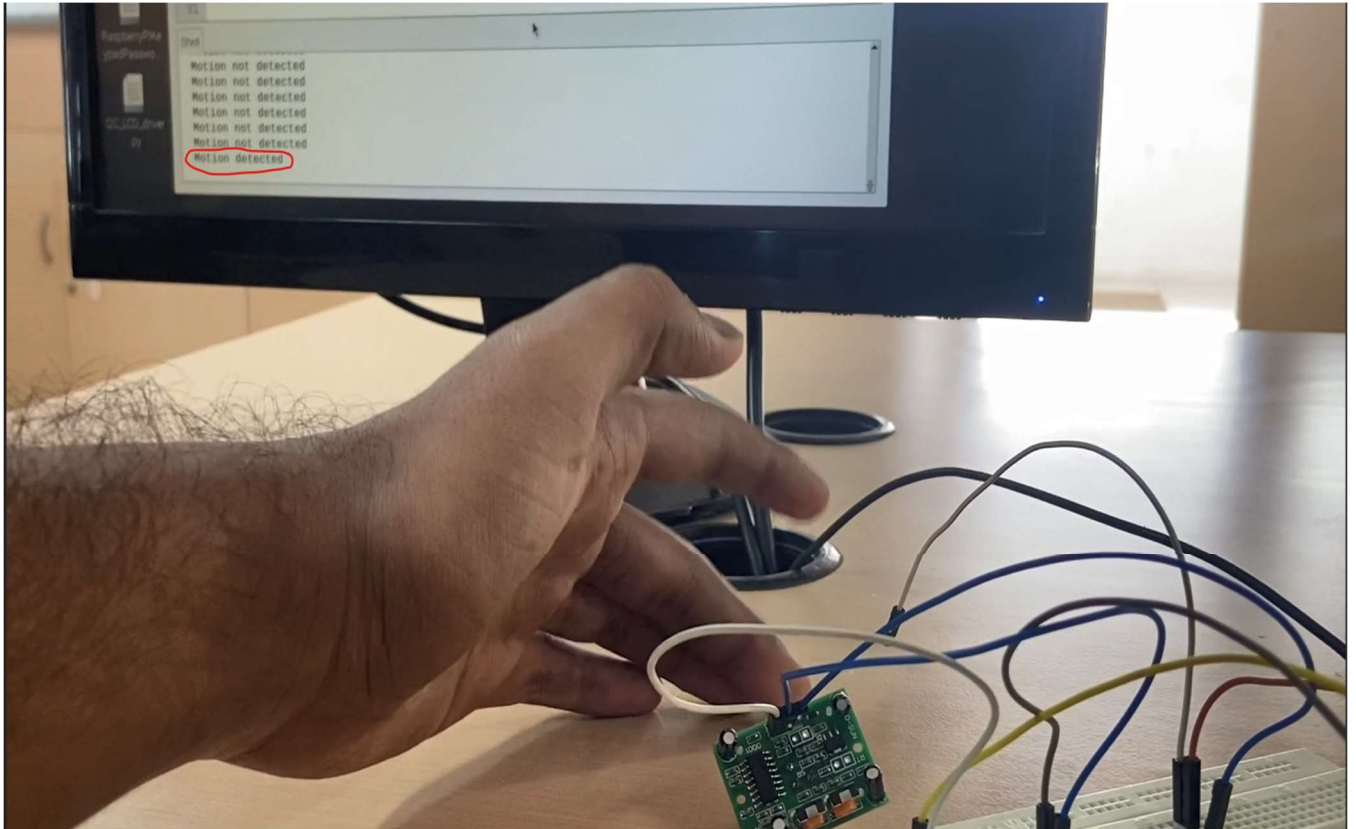


*Fig.9 Initial state(side view)*



*Fig.10 PIR Sensor input is zero*

- Motion not detected



*Fig.11 PIR Sensor input is one*

- Motion detected

```
log.txt
14 Motion not detected2022-01-03 14:08:07
15 Motion not detected2022-01-03 14:08:08
16 Motion not detected2022-01-03 14:08:09
17 Motion not detected2022-01-03 14:08:10
18 Motion not detected2022-01-03 14:08:11
19 Motion not detected2022-01-03 14:08:12
20 Motion not detected2022-01-03 14:08:13
21 Motion not detected2022-01-03 14:08:14
22 Motion detected2022-01-03 14:08:15
23 Motion detected2022-01-03 14:08:16
24 Motion detected2022-01-03 14:08:17
25 Motion detected2022-01-03 14:08:18
26 Motion detected2022-01-03 14:08:19
27 Motion detected2022-01-03 14:08:20
28 Motion detected2022-01-03 14:08:21
29 Motion detected2022-01-03 14:08:22
30 Motion not detected2022-01-03 14:08:23
```

*Fig.12 log file of motion detection*