Testing Session **1** – Tuesday 28th February 2017 – **12:06** PM

**Present members –** Jamie Izak Slome, Jack Galvin, Zehra Punjwani

Purpose of the test:

In these series of tests we will be hardcoding raw EV3LightSensor readings so that we can separate colours into discretised TRUE and FALSE values to use in our localiseLine() method:

The test will take a white reading and a blue reading for every test record. From each of the colour readings, at the end of the test we will take an average and use these values inside our code (processLight() method).

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| --- | --- | --- |
| Test Noo | White tile reading | Blue tile reading |
| 1 | 0.73 | 0.1 |
| 2 | 0.60 | 0.14 |
| 3 | 0.73 | 0.13 |
| 4 | 1.00 | 0.10 |
| 5 | 0.80 | 0.12 |
| 6 | 0.78 | 0.10 |
| 7 | 0.76 | 0.11 |
| 8 | 0.80 | 0.11 |
| 9 | 0.79 | 0.11 |
| 10 | 0.79 | 0.13 |
| 11 | 0.81 | 0.11 |
| 12 | 0.78 | 0.11 |
| 13 | 0.75 | 0.13 |
| 14 | 0.79 | 0.09 |
| 15 | 0.77 | 0.11 |
| 16 | 0.74 | 0.12 |
| 17 | 0.74 | 0.10 |
| 18 | 0.75 | 0.15 |
| 19 | 0.75 | 0.11 |
| 20 | 0.79 | 0.13 |
| 21 | 0.86 | 0.11 |
| 22 | 0.82 | 0.10 |
| 23 | 0.81 | 0.10 |
| 24 | 0.75 | 0.10 |
| 25 | 0.77 | 0.11 |
| 26 | 0.80 | 0.13 |
| 27 | 0.75 | 0.13 |
| 28 | 0.77 | 0.10 |
| 29 | 0.87 | 0.10 |
| 30 | 0.81 | 0.11 |

The mean value given for black tile reading is: 0.782.