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| Task 1 | Robots in Agriculture Identifying sensors and actuators used in the robots. Where are they and what do they do? |
| Task 2 | Logic and buttons. How to code ‘if’ statements and use logic operators to compare and logic functions to combine tests with AND, OR and NOT. |
| Task 3 | Variable types |
| Task 4 | Display on the LCD and on the PC |
| 4b | Edge counting |
| 4c | States for latching |
| 4d | Timers |
| 5 | Distance and tilt sensors and filtering |
| Task 6 | Reading the compass, steering the vehicle, calibration |
| 6b | Vehicle kinematics |
| 6c | Compass calibration to Lat/Lon coordinates |
| Task 7 | Navigation. GPS, latitude, longitude, UTM and maps |
| Task 8 | AB lines to minimise X track error |
| Task 9 | Northing, Easting, & Bearing |
| Task 10 | Functions, states and actions |
| Task 11 | Communication using wireless, sending a character to control |