This document will instruct and direct you to complete all of the evidence you will need to meet the Achieved level criteria for the following standard.

| **Number** | **Version** | **Title** | **Credits** | **Assessment** |
| --- | --- | --- | --- | --- |
| AS91896 | 1 | Use advanced programming techniques to develop a computer program | 6 | Internal |
| **Achievement Level Statement** | | | | |
| Use advanced programming techniques to develop a computer program. | | | | |

**Submission Checklist (Achieved)**

To meet the achievement level criteria it is important that your code meet the minimum expectations of the assignment. Before submitting, please complete the checklist below to ensure you have not missed anything significant in your submission.

|  |  |
| --- | --- |
| Checklist | Done? Y/N |
| My program uses variables storing at least two types of data (e.g. numeric, text, Boolean) |  |
| My program uses sequence, selection (IF) and iteration (LOOP) control structures |  |
| My program uses Input from a user, sensors or another external source & produced output |  |
| My program uses two or more advanced programming techniques. |  |
| My code is set out clearly using suitable whitespace |  |
| I have included comments to document and explain what the code is doing |  |
| I have completed the testing table below to show that I have tested my program works for expected inputs (plural) |  |
| I have copied my complete code into the space provided in this document |  |
| I have prepared a video recording of my program working and will submit it with this document. |  |

# 1.1 - 1.5

Evidenced within code

# 1.6 Advanced Tools

In the table below identify the advanced tools you have used, why they have been used and where the evidence of their use can be found.

|  |  |  |
| --- | --- | --- |
| Advanced Tool | Why was it used | Where is it used |
| *e.g. Functions using parameters* | *To generate new ….* | *This is called from the …* |
|  |  |  |
|  |  |  |
|  |  |  |

# 1.7 Expected (Valid) Input Testing

Expected (Valid) tests are tests that show your program operates as expected if the inputs received are as you expect them to be. For each input test that your program works using valid inputs.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test No. | Test (include test data if necessary) | Expected Result | Actual Result | Test Result |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| Etc. | Please add more tests if needed |  |  |  |

# Your Code

Please copy the code from the first version of your program into the space below

|  |
| --- |
| V1 Code |
|  |