# Name & Student ID

# Title

# Outline of the Problem to be Solved

(Maximum 1 page)

# Key Data Items

|  |  |  |
| --- | --- | --- |
| Name | Data type | Rationale |
|  |  |  |
|  |  |  |

Extend table as required

# Function Declarations

*Only include functions that you will develop.*

*Example (remove before submission)*

*int TemperatureConversion( int InputTemp, float\* OutputTemp )*

*Parameters:*

*InputTemp – input temperature in degrees C*

*OutputTemp – pointer to return output temperature in degrees F*

*Return value – returns 1 if successful, 0 if failed*

# Testing Information

|  |  |  |  |
| --- | --- | --- | --- |
| Function | Test Case | Test Data | Expected Output |
|  |  |  |  |
|  |  |  |  |

*Extend table as required. Note that ‘Function’ includes main()*

# Flowchart(s)

May be included as separate pdf