**Programming Checklist**

To pass this assessment it is necessary for you to have met certain requirements.

Before you hand in your assessment for marking ensure you have done ALL of the following:

|  |  |  |  |
| --- | --- | --- | --- |
|  | A | M | E |
| **Program works as per specifications:** |  |  |  |
| The user must enter their name at the beginning of the quiz | y |  |  |
| The program displays how many questions there will be in the quiz | y |  |  |
| The user must guess how many questions they think they will get correct | y |  |  |
| The program displays each question one at a time | y |  |  |
| The program states whether the answer is correct or incorrect | y |  |  |
| When the quiz ends, the user’s score is displayed | y |  |  |
| Program states how the user’s score compares to their estimate | y |  |  |
| The quiz has at least six questions | y |  |  |
| Program has input and output | y |  |  |
| Program includes iteration (loop) | y |  |  |
| Program includes conditional statements (if) | y |  |  |
| Program code is set out clearly | y |  |  |
| Comments are present (but not particularly descriptive) | y |  |  |
| At least two variables are used, with two different data types | y |  |  |
| At least two lists or user-defined functions have been used | y |  |  |
| Testing has been done to ensure program works for expected inputs | y |  |  |
| Student has required some (A) /minimal (M) help from the teacher |  |  |  |
| New versions have been committed to GitHub, with commit comments | y |  |  |
| Video capture of final program working is submitted |  |  |  |
| Output is formatted to make the program easier to use |  | Y |  |
| Comments are clear and indicate what is happening throughout |  | Y |  |
| Variable and list names reflect their contents |  | Y |  |
| Program code is set out clearly |  | Y |  |
| Style guide has been followed |  |  |  |
| Testing ensures the program works for both expected and boundary values |  | Y |  |
| Program is well structured and laid out logically |  |  | Y |
| Program is concise – be efficient with the amount of code required |  |  | Y |
| Testing has been done to ensure that the program handles invalid inputs (wrong data type) and unexpected inputs (outside of range or empty). |  |  | Y |
| Program is flexible and robust. Could include using constants, variables and derived values in place of literals |  |  | Y |