**GCSE**

**COMPUTER SCIENCE**

Programming project task

AQA ASCII Art

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**Writing a Report**

1. First part of the report is **Analysis**:

* Include your Screen Flow Diagram Picture.
* Include a brief description of each box of the SFD.

2. Second Part of the report is **Design:**

* **Design** has two sub parts:
  + Front End Design: Include the screen shots of your Greenfly program outputs.
  + Detailed Design: Include all pseudocode and Flowcharts that you have created for your Greenfly Program here.

3. Third Part of the report is **Implementation:**

* Include all your source code here: you can take screen shots of your python program that you have already created. Make sure the screen shots are clear and readable.

4. Fourth Part of the report is **Testing:**

* Include in table form the test plan: such as using test data to test each of the function in your program. The test data should include normal, boundary and erroneous data.

5. Fifth and final part of the report is **Evaluation:**

Include some criteria such as:

* **Maintainability:** Explain with evidence such as referring to testing and usability of your program how flexible is your program is it easy to make changes and add additional subroutines to your program.
* **Usability:** Explain how easy is it to use your program is it user friendly. What about the sentences are they clear to the user does your program provide enough information to inform what action to take?
* **Robust:** Is your program robust. How does your program handle errors? How well your program deals with error.
* **Reusability:** Do you have functions in your program which are functionally independent of other parts and can be reused in your program or other program.

**Additional Information:** Make sure your report looks professional for example you could include header and footer and add page numbering. Try to use appropriate formatting tools in word to make the report look professional.