

F27SB2 Software Development 2

Tutorial 5

A program is required that will enable people to develop a bank of multiple choice questions for an on-line test. It should support the entry of an arbitrary number of questions via a GUI. All question and answer details will be held sequentially in a single text file.

Each question is entered via fields for:

- the question text;
- 4 optional answers;
- the number of the correct answer.

There should also be controls for submitting the current question and exiting the program.

When a question is submitted, there should be checks that:

- all fields have been completed;
- the number of the correct answer is between 1 and 4;

and the user should be informed if either condition is not satisfied. Otherwise, all fields should be written on separate lines to a file.

When the program exits, the file should be closed.

Design and implement this program.