

BTEC First Diploma Software Development



Assignment 2

Deadline: Week of 22:011:06 (3 weeks)

Student Name _____

Date handed in: _____

Grading Evidence

It is possible to achieve grading criteria for the following from this assignment.

Grading Criteria	Tick	Date	Key Skills
P3. select and use an appropriate design tool to address a defined user need			C2, IT2, PS2

Assignment Feedback (*with smart targets*)

Student Feedback

Internal Verifier Comments:

Signed: _____

Date: _____

Assignment 2: Designing the program

This assignment is where you will create a detailed program design. Your work should include details of what would be needed to create the program. Use appropriate diagrams and documentation to illustrate your designs.

Produce a set of documents which any other programmer could use to produce your program:

- a. Define in detail the data to be entered into the program, the data to be stored in, or by, the program, and the results which will be output. You will need to decide the format, length and type of each piece of this data.
- b. Produce finished versions of the input and output screens you will use.
- c. Define in detail the calculations to be performed, and show how you are going to structure and control processing within your program.
- d. Finally, include a plan of how you will test the program. This should include...
 - Test tables specifying input data and expected results.
 - Extreme data test table