Year 11 Computer Science

On to Post 16!

TOPIC 1: NEA PREP

- I have decided on my choice of NEA tasks and have begun planning a solution.
- I have planned a solution including the data structures and basic programming constructs.
- I have identified success criteria and planned testing procedures.
- I have used file handling operations to import initial data from CSV.
- I have used arrays, subprograms and Boolean operators in my program.

TOPIC 2: NEA COMPLETION

- I have used file handling to export data from the program to CSV.
- I have provided evidence of testing the solution, identifying and fixing errors.
- I have fully completed and evaluated the NEA project.

TOPIC 3: DATA REPRESENTATION

- I can describe how images are represented in binary and discuss metadata, colour depth and resolution.
- I understand the use of ASCII and Unicode character sets.
- I understand how sound can be sampled in digital form and discuss bit rate and frequency.
- I understand the features, uses, pros and cons of lossy and lossless compression.

TOPIC 4: REVISION

- I will have identified my areas of strength and weakness in Papers 1 and 2.
- Paper 1 Revision
- Paper 1 Testing
- Paper 2 Revision
- Paper 2 Testing

TOPIC 5: FINAL PREP

- Paper 1 Revision
- Paper 1 Testing
- Paper 2 Revision
- Paper 2 Testing
- Final exam prep based on personalised performance analysis.

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