**A level Computer Science – Bridging Work**

**Task 1 – Processor Components**

Note:

Folks! I’m glad you have chosen Computer Science as one of your A level options. Three reasons to study Computer Science:

1. The digital age needs computer scientists
2. Computer science students have excellent graduate prospects
3. Computer scientists earning potential is an attractive incentive

**Part 1**

To help you progress you quickly and to develop the skills needed for the project you will be learning Visual Basic.

1. <https://visualstudio.microsoft.com/downloads/> download the community edition
2. <https://www.homeandlearn.co.uk/NET/vbNet.html> do first lesson only

To help you get started – I have created a simple video capture of my computer showing the start of lesson one. The video file is called week 1 getting started.mp4

**Part 2**

If you get stuck with any of the following question check out Task 1 - Support.pdf

1. A processor contains the Arithmetic Logic Unit (ALU) and the Control Unit.
2. Describe the role of the Control Unit. [2]

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1. Name five registers used in the Fetch-Execute cycle. [5]

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1. State how each of them is used within this cycle. [5]

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[Total 12 marks]