## SDLC – Design - Homework 2

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| 1 | What is the purpose of the Design stage in the SDLC? |
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| 2 | What is an Algorithm? |
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| 3 | Algorithms created during the design stage are created using 1 of 3 methods. Name and describe in detail each of the 3 methods. |
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| 4 | Part of the design stage includes taking into account the Human Computer Interface. What documentation is produced to design how a program will look to the user. |
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| 5 | Data types and structures are also defined at the design stage. Define the data type and structures for the following examples.   1. A persons surname 2. A whole number 3. A real number 4. 10 teachers names |
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| 6 | What language is used in Pseudocode? |
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| 7 | What details are contained in a wireframe? |
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*Sources: Own, Past papers, John Walsh & Jane Paterson Computing Science Second edition booklet.*