| **Year 11 Homework Computer Science** | | | |
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| Name |  | | |
| Cycle | *1* | Week | *5* |
| Hand in Date |  | | |

| Please state the 3 programming techniques  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Algorithmic Thinking** is one of the components of computational thinking. State the other two. They begin with A and D.  A……………………..….  D…………………………  How many rows would there be in this truth table?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    What gate has not been used in this circuit?  \_\_\_\_\_\_\_\_\_\_\_  What would be output if  1  1  1  inputted into this logic circuit?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | What does DNS stand for and what does it  do? …………………..…………………………  ………………………………………………….  Describe the primary function of the ALU  ………………………………………………….  Why can’t lossy compression be used on text files?  ………………………………………………….………………………………………………………………………………………………………………………………………………………. |
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