| **Year 11 Homework Computer Science** | | | |
| --- | --- | --- | --- |
| Name |  | | |
| Cycle | *1* | Week | *4* |
| Hand in Date |  | | |

| What is 1011 1000 in Hexadecimal? \_\_\_\_\_\_\_  What is 1011 1000 in denary? \_\_\_\_\_\_\_\_ | What shift would be used to half the value of 1011 1000? \_\_\_\_\_\_\_  Demonstrate that shift \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| --- | --- |
| **Programming Writing**  A theme park aimed at children and adults sells tickets online. An adult ticket to OCR Land costs £19.99, with a child ticket costing £8.99. A booking fee of £2.50 is added to all orders.  (a) A function, ticketprice(), takes the number of adult tickets and the number of child tickets as parameters. It calculates and returns the total price to be paid.  Please write this function using Python.  **(no structure this time to help!)** | **Programming Reading**    1: What are the first 3 numbers printed?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  2: State how many times line 03 will be executed  \_\_\_\_\_\_  Tick which of the following is present   | **Technique** | **Tick** | | --- | --- | | Selection |  | | Sequence |  | | Iteration |  | |

