| : hiding the complexity of the design.   | The realises the data operations required by the $FSM$ .  |
|--|---|
| The issues signals to control the operation of the datapath.   | A Reduced Instruction Set Computer (RISC) has three instruction types. What are they, and in brief what do they do? |
| Shifter operations are applied to the operations.  | In Verilog, there are four options for a bit to be. 0, 1, X and Z.  In brief, what does each one mean?              |
| What type of circuits do you associate the use of i) blocking statements, and ii) non-blocking statements in Verilog code? | How can pipelining accelerate performance of a processing system?   |

