: 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 register in 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?	

