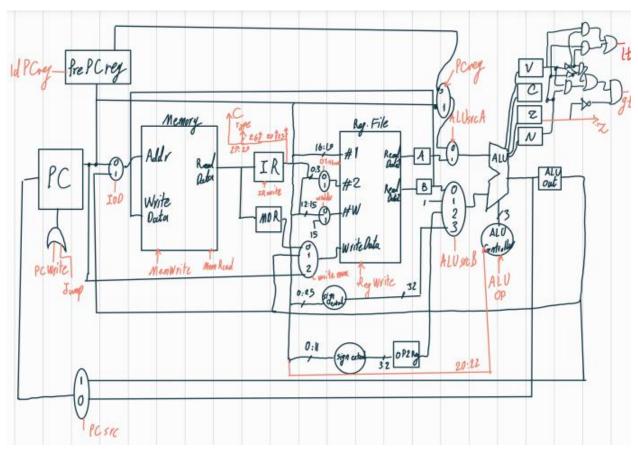




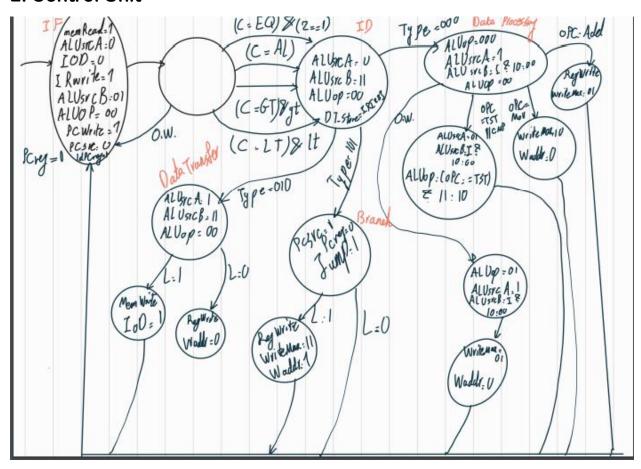
University of Tehran Electrical and Computer Engineering Department Computer Architecture Computer Assignment #3

Name	Danial Saeedi
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Student No	810198571
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Date	Tuesday - 2022 04 January

1. Datapath



2. Control Unit



3. ALU Truth Table & Controller

000 Add A1B 001 Sub A.B 010 RSB A-B	ALOP ALVOP 00 000 01 0pc= IR[22:20] 10 001
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Testbench

