

CSE 332 Computer Organizations and Architecture Lab

Name: Nazmul Hasan

ID: 1911742042

Logisim: Datapath Design (16 Bit).

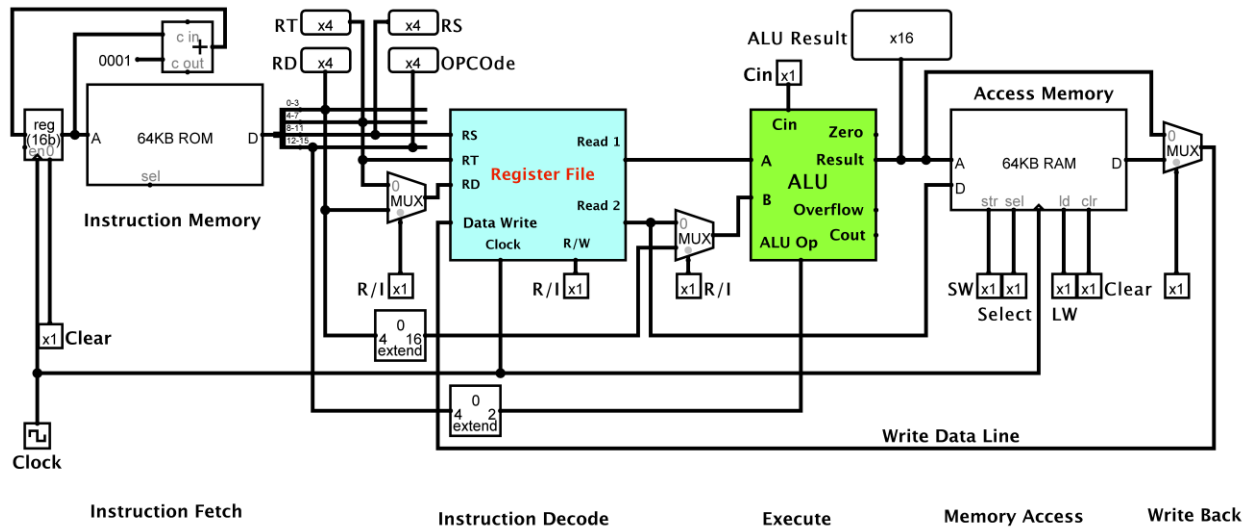


Figure: Datapath

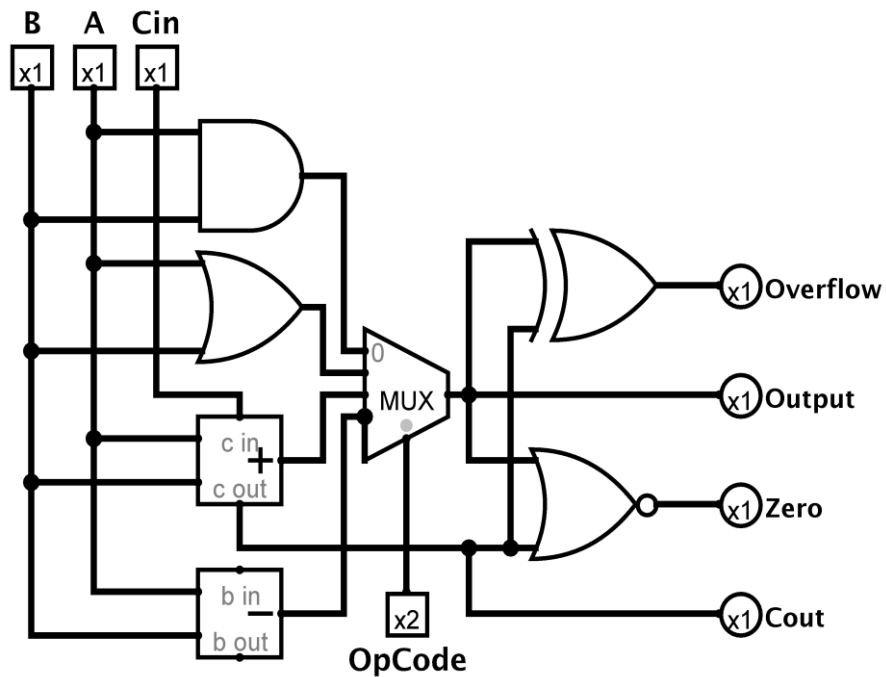
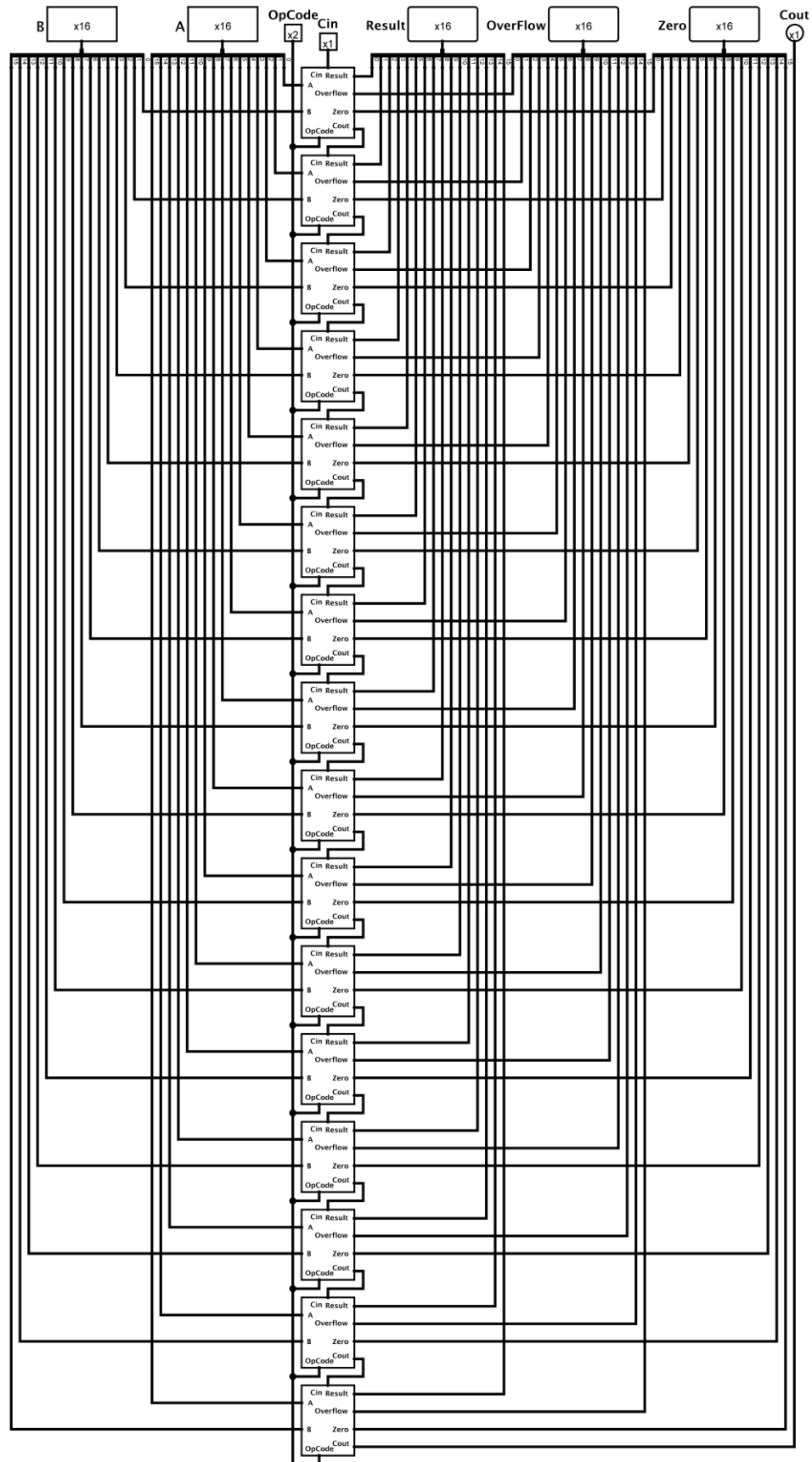


Figure: 1 bit ALU.



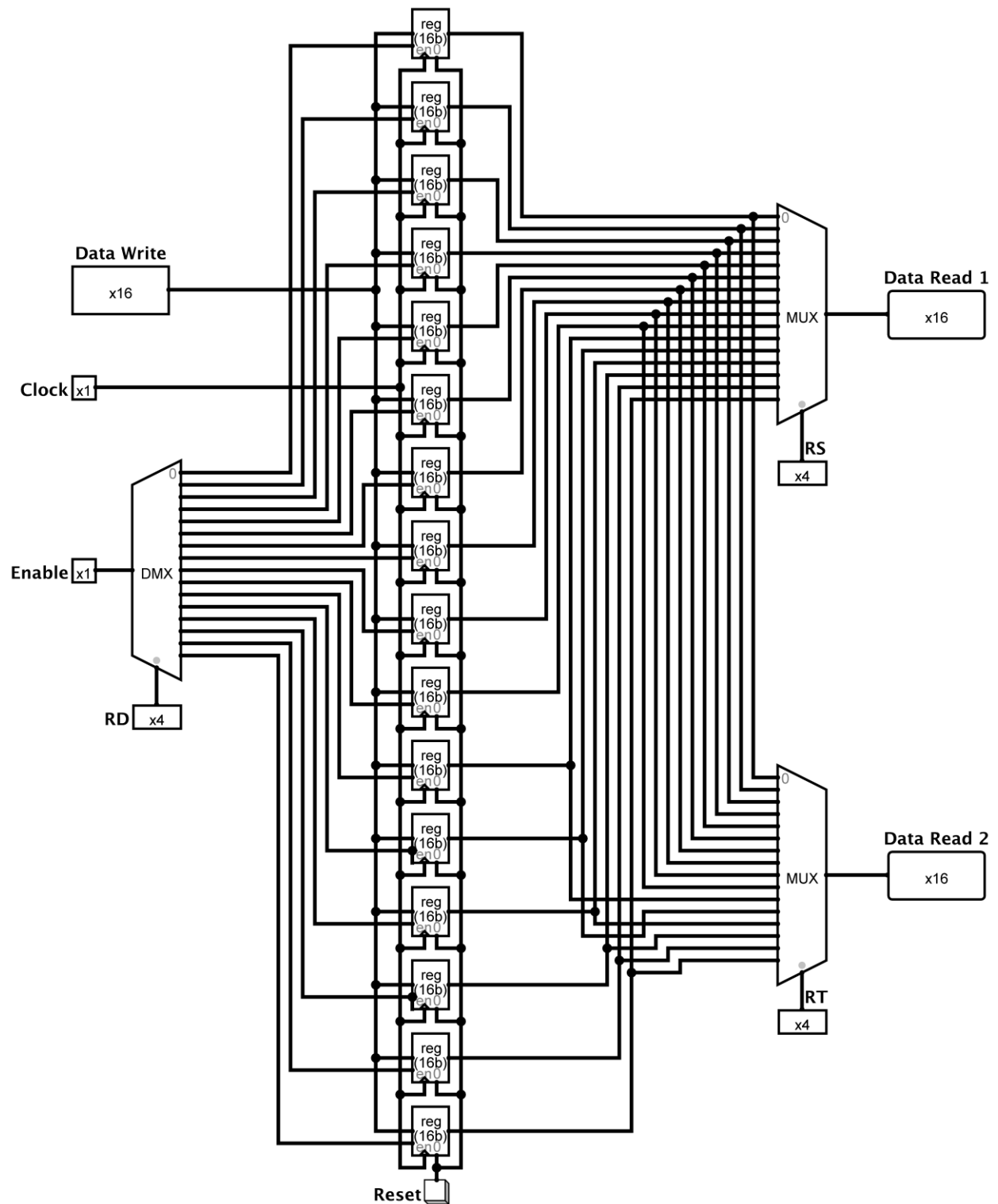


Figure: 16 bit register file.