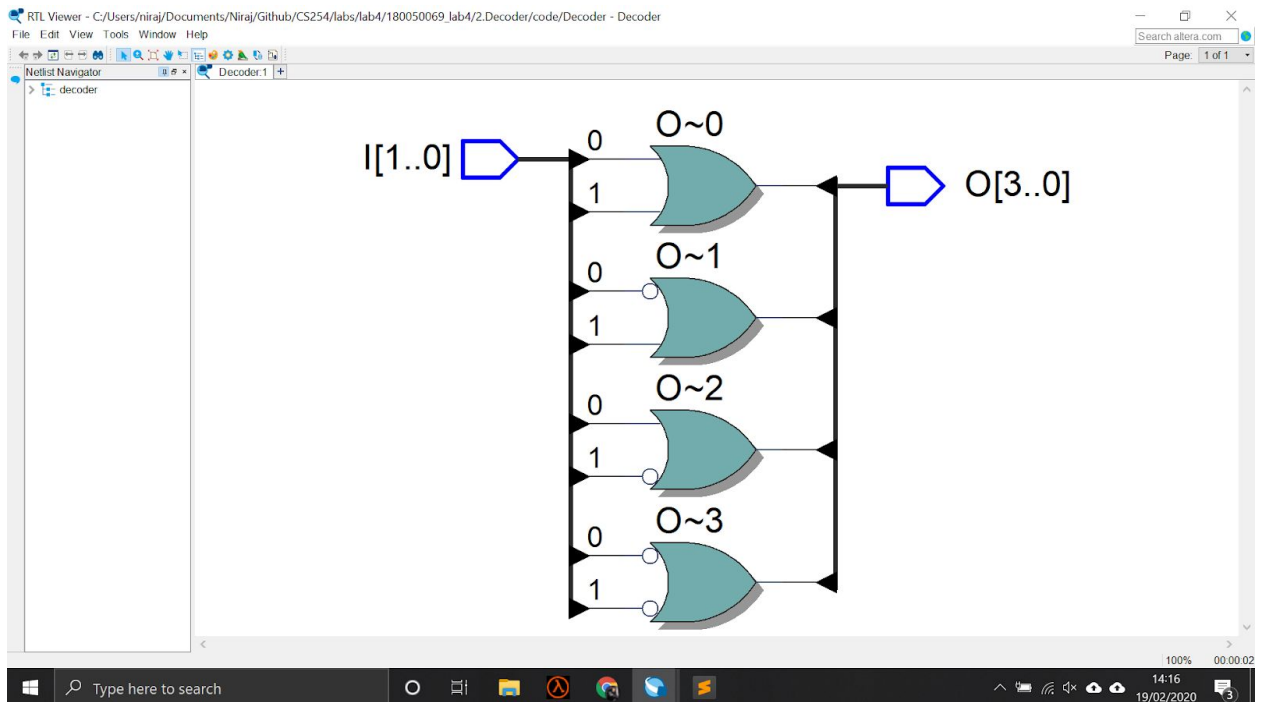# Lab4 Report

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# Decoder

1. Implementation details
   a. Complete behavioral implementation.
   b. Gates used as taught in class.
   c. If - else loop and and, xor, not & or gates used.

2. Diagram

## 3. Simulation: