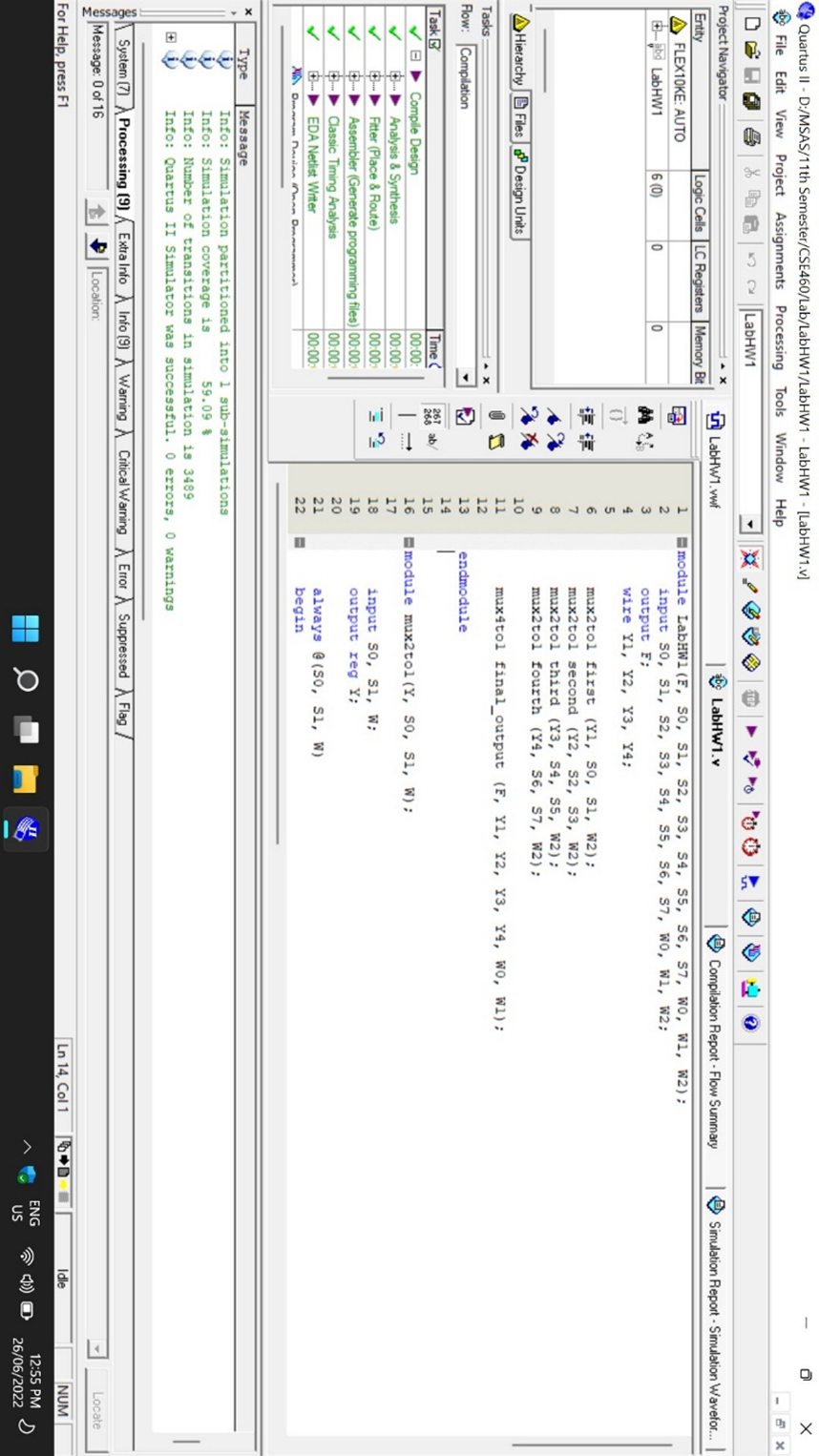
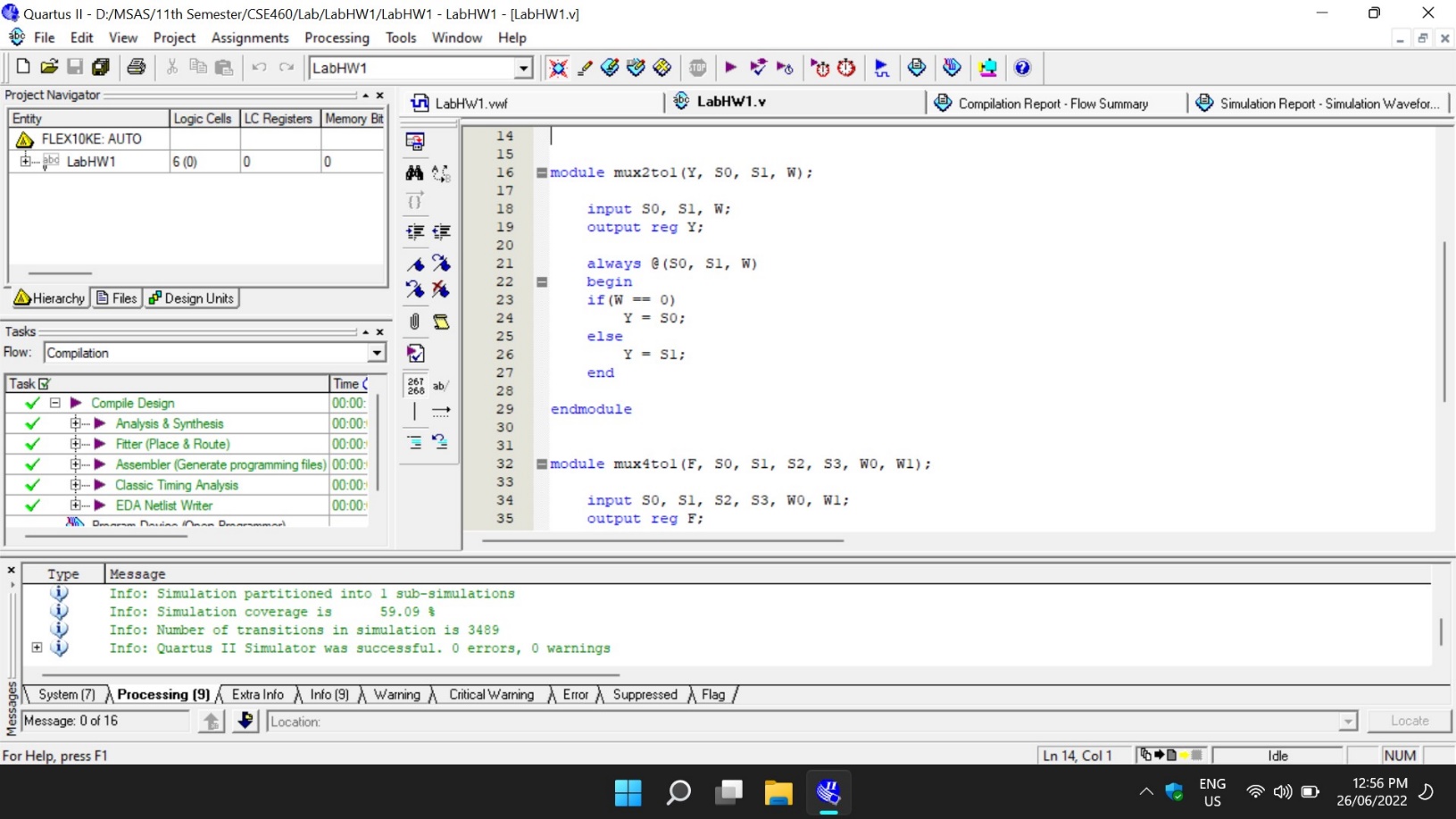
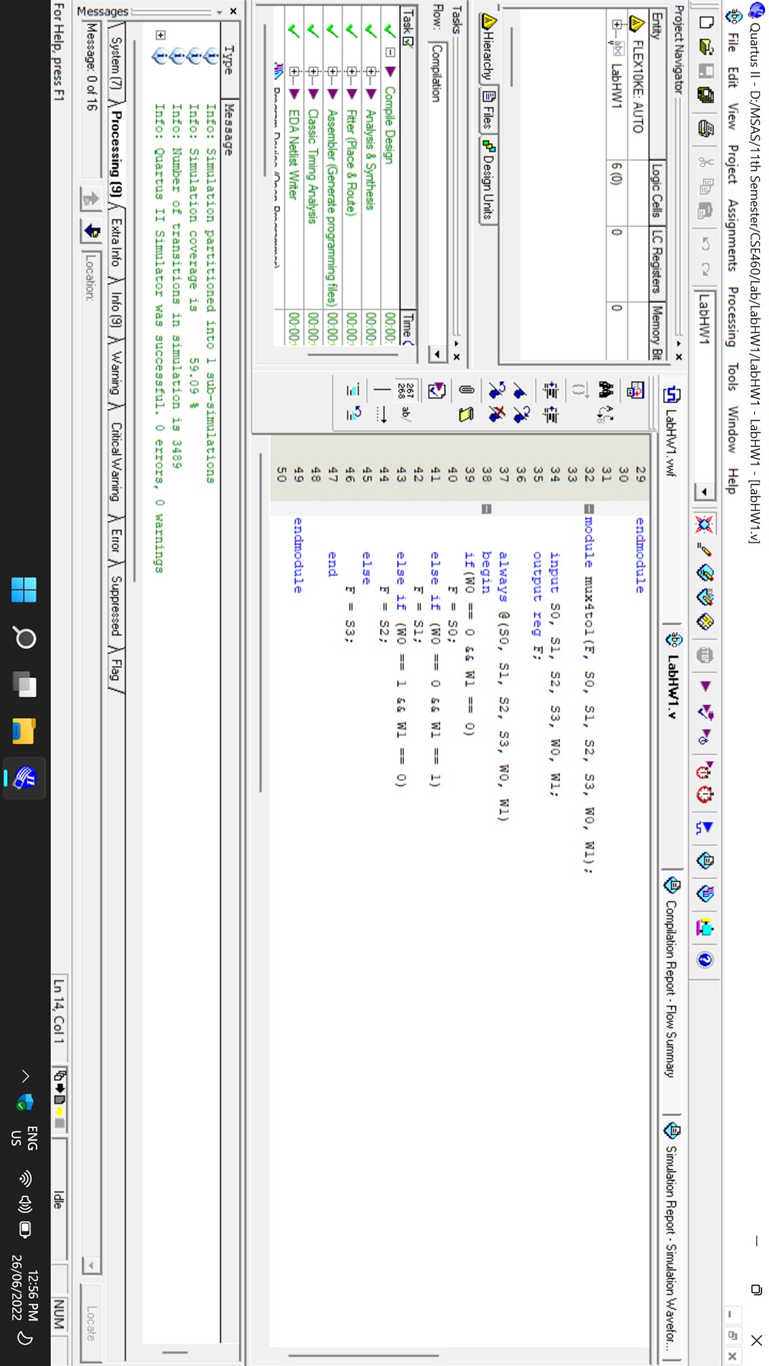
**Codes:**







**Simulation:**

