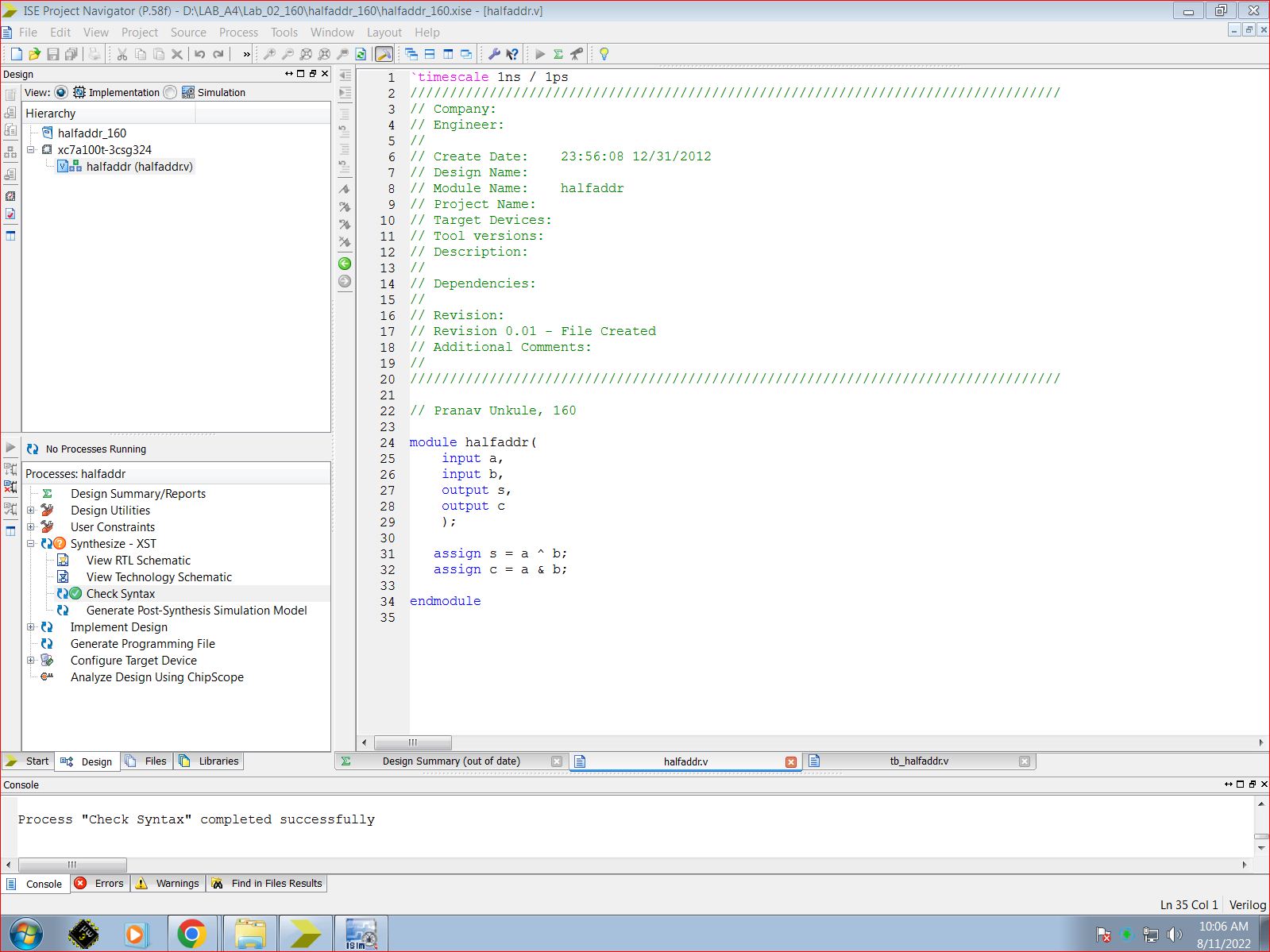
Name - Pranav Unkule

Roll No - 160

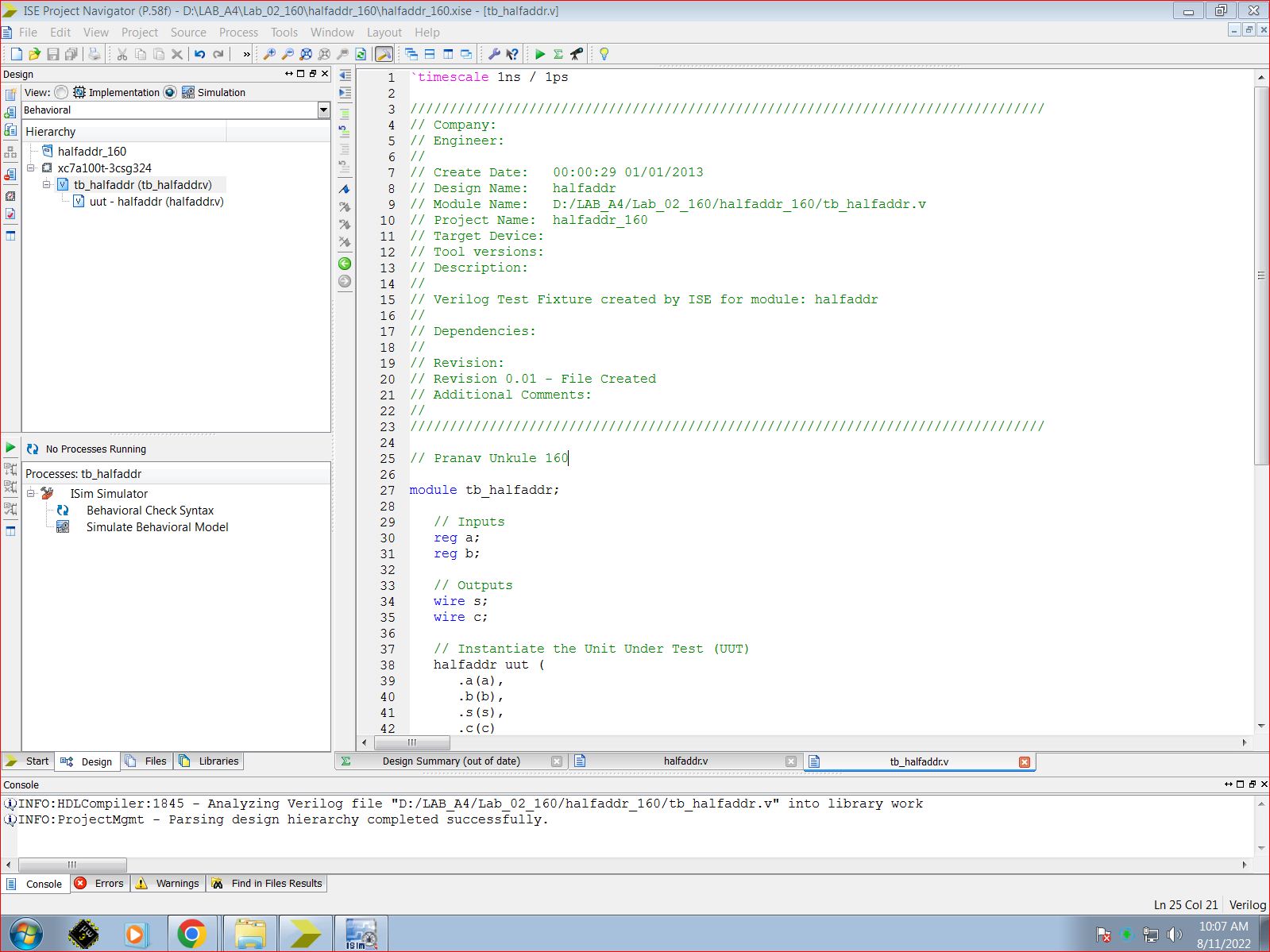
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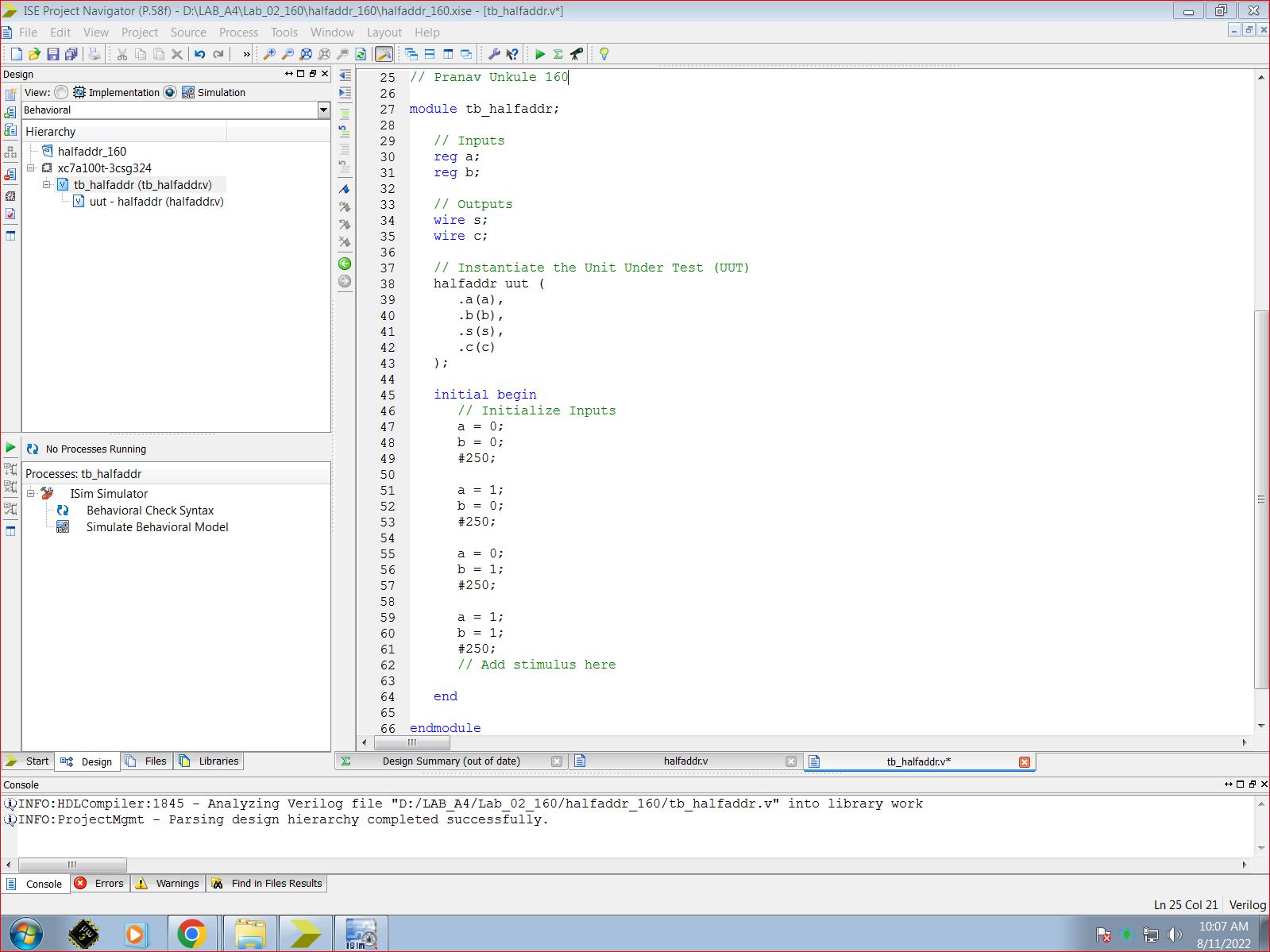
**LAB 01 Half Adder**

1. **HDL Code**

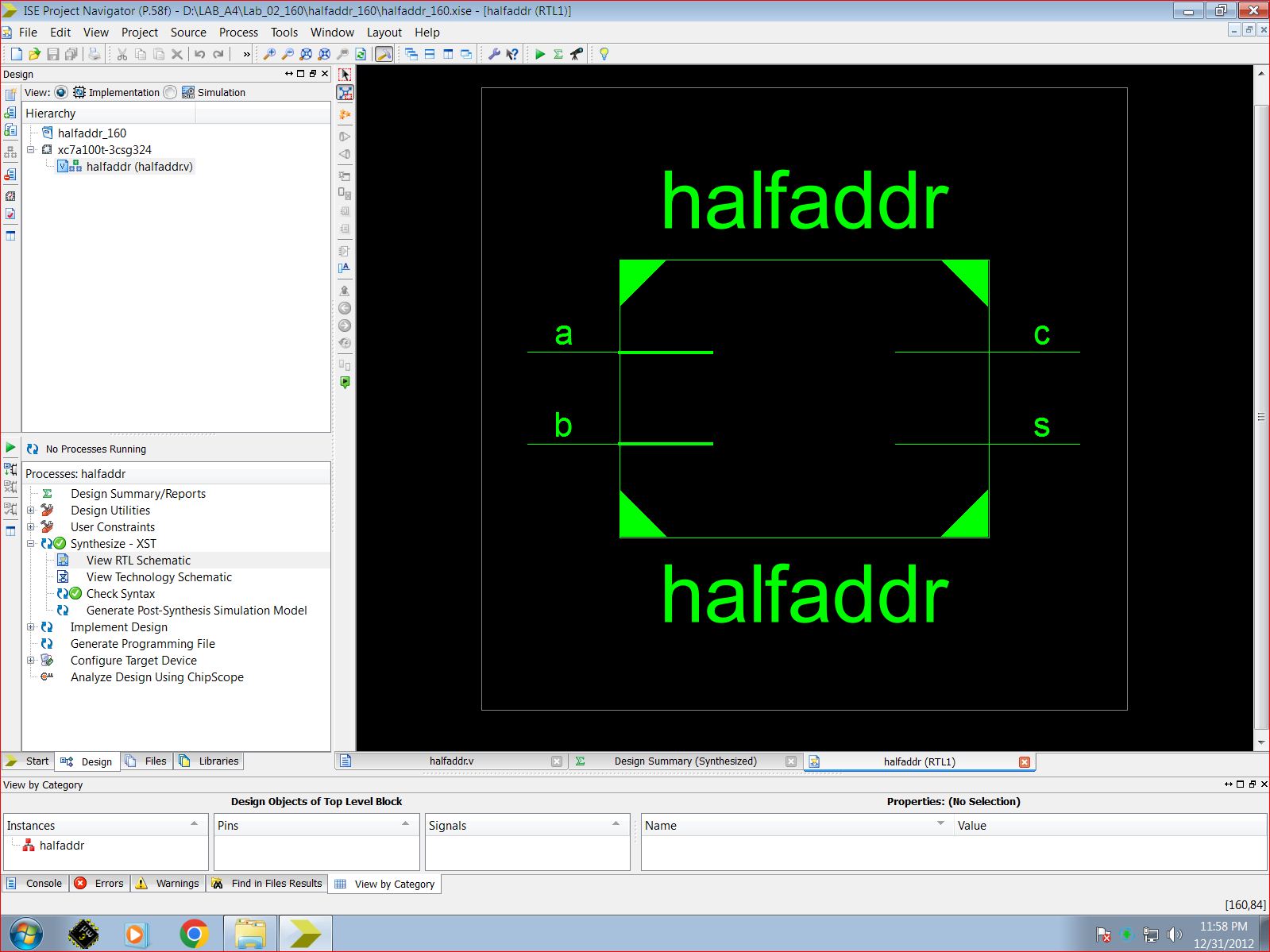


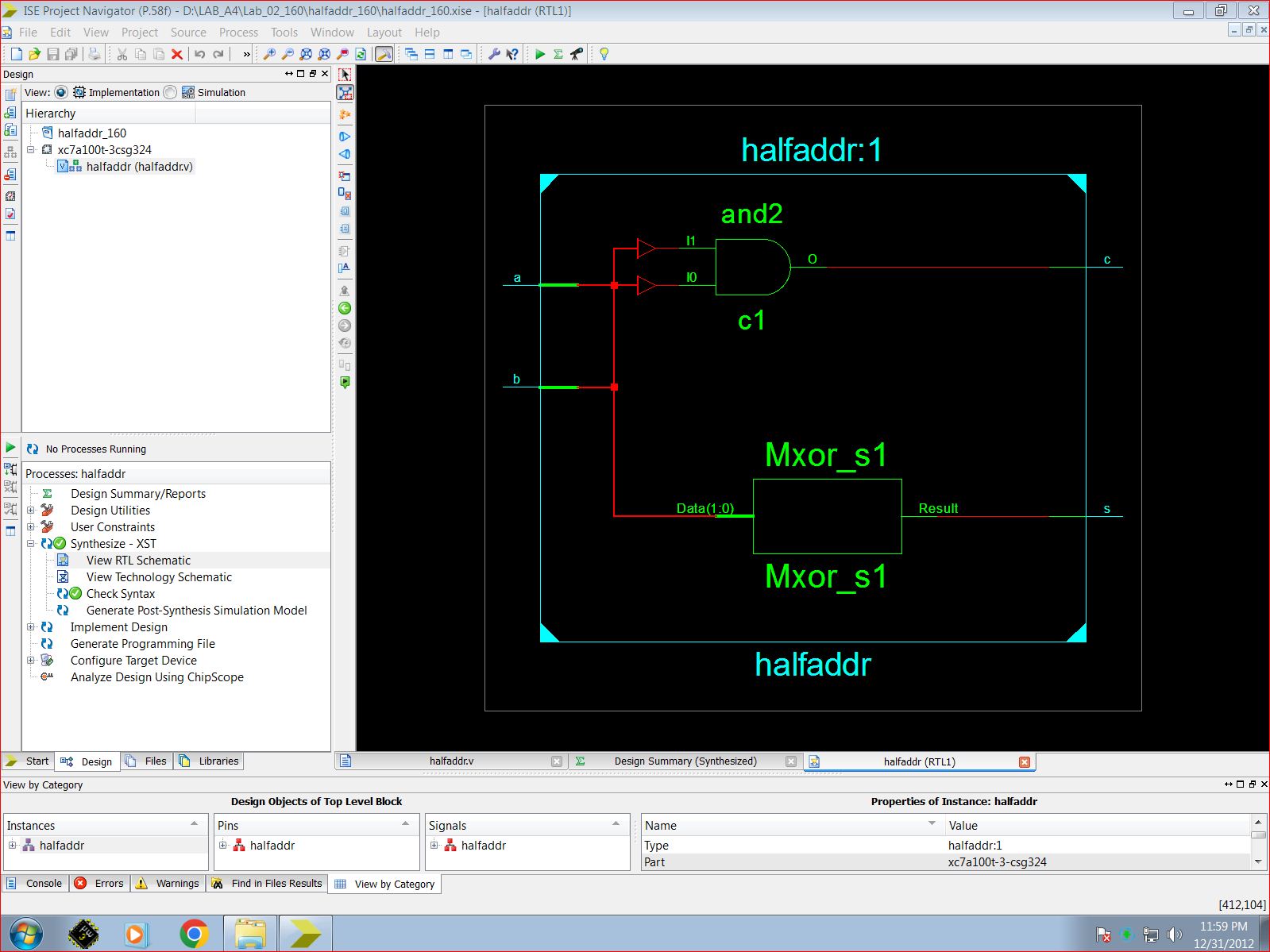
1. **Test Bench Code**



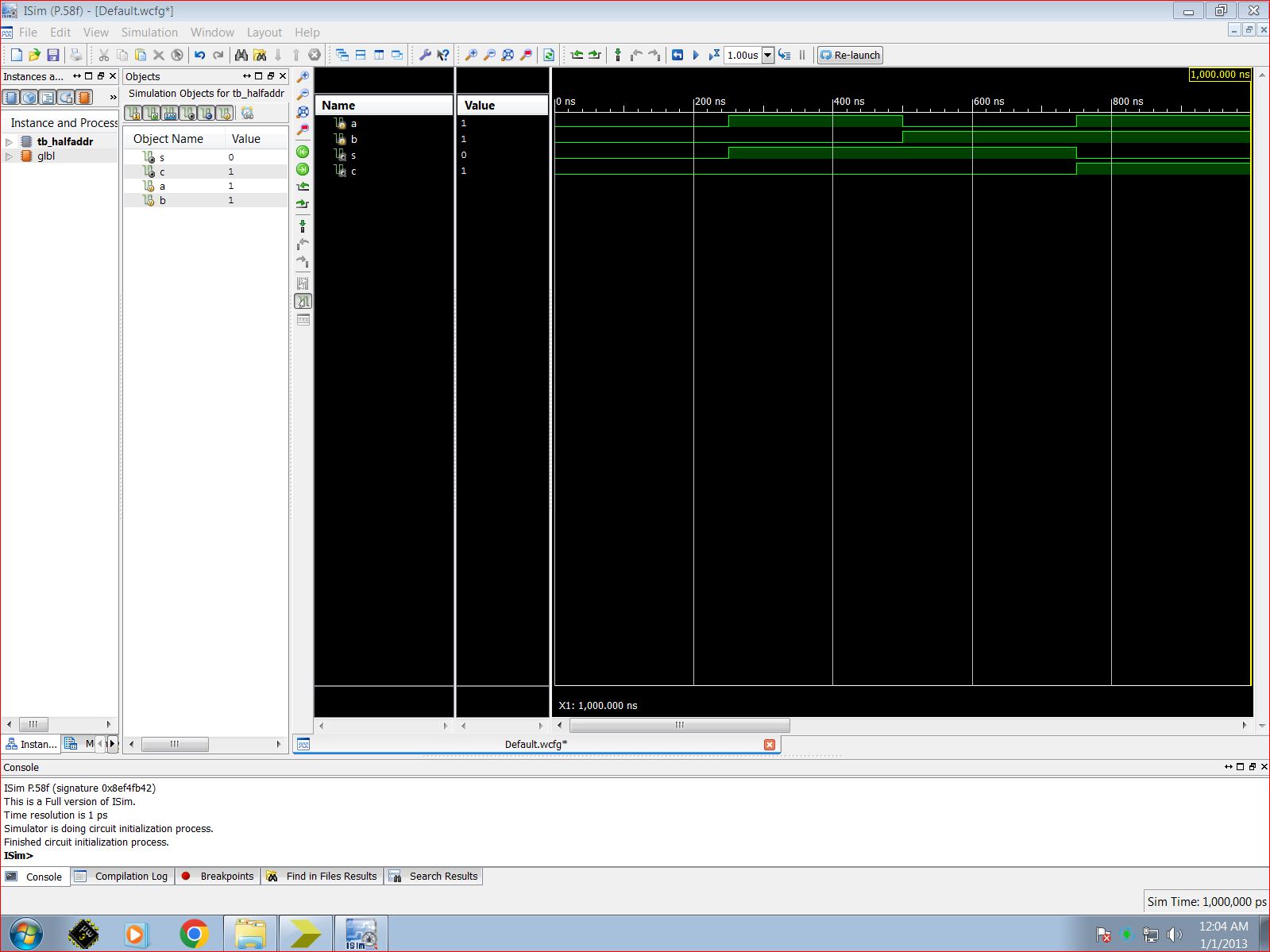


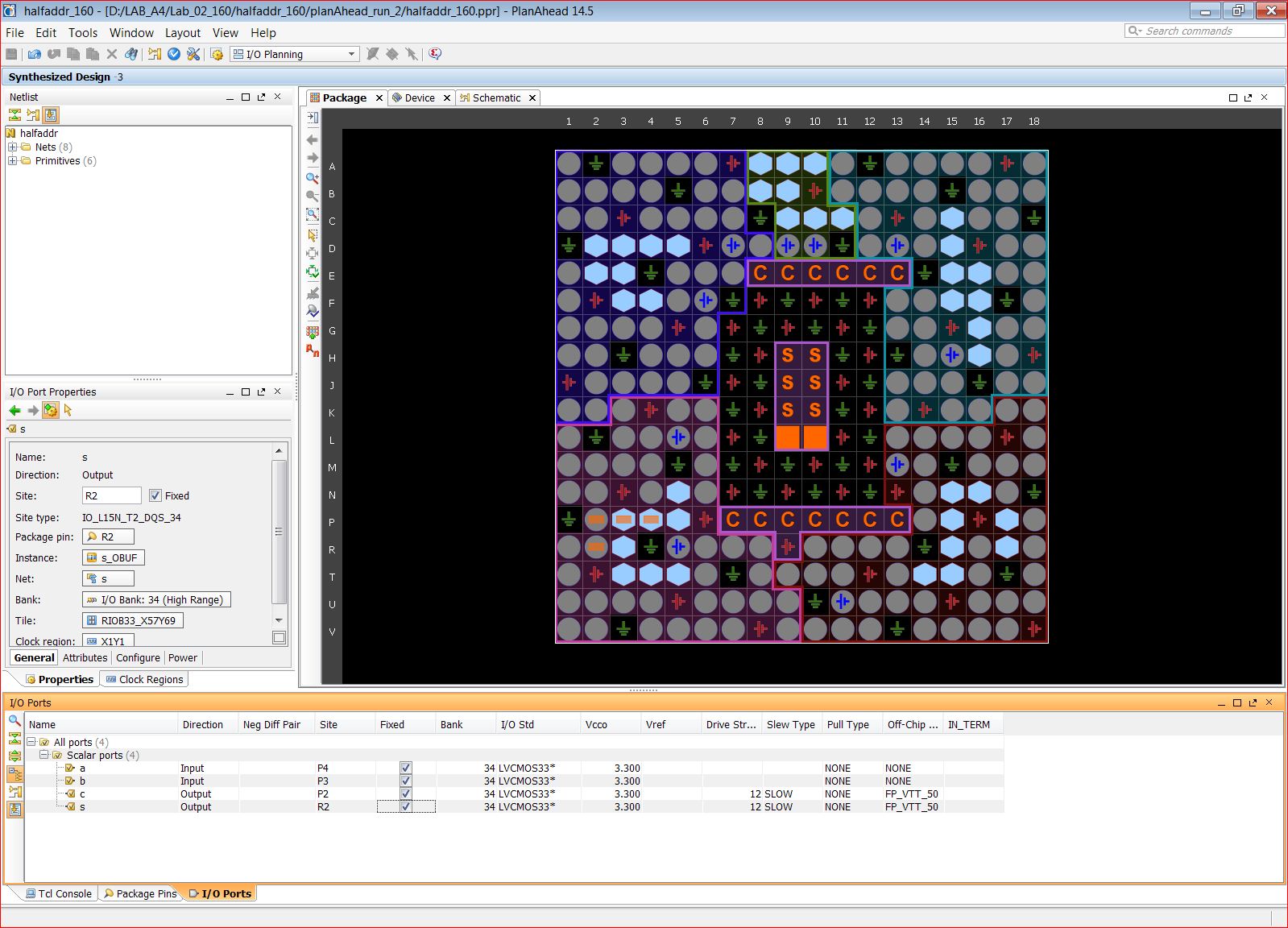
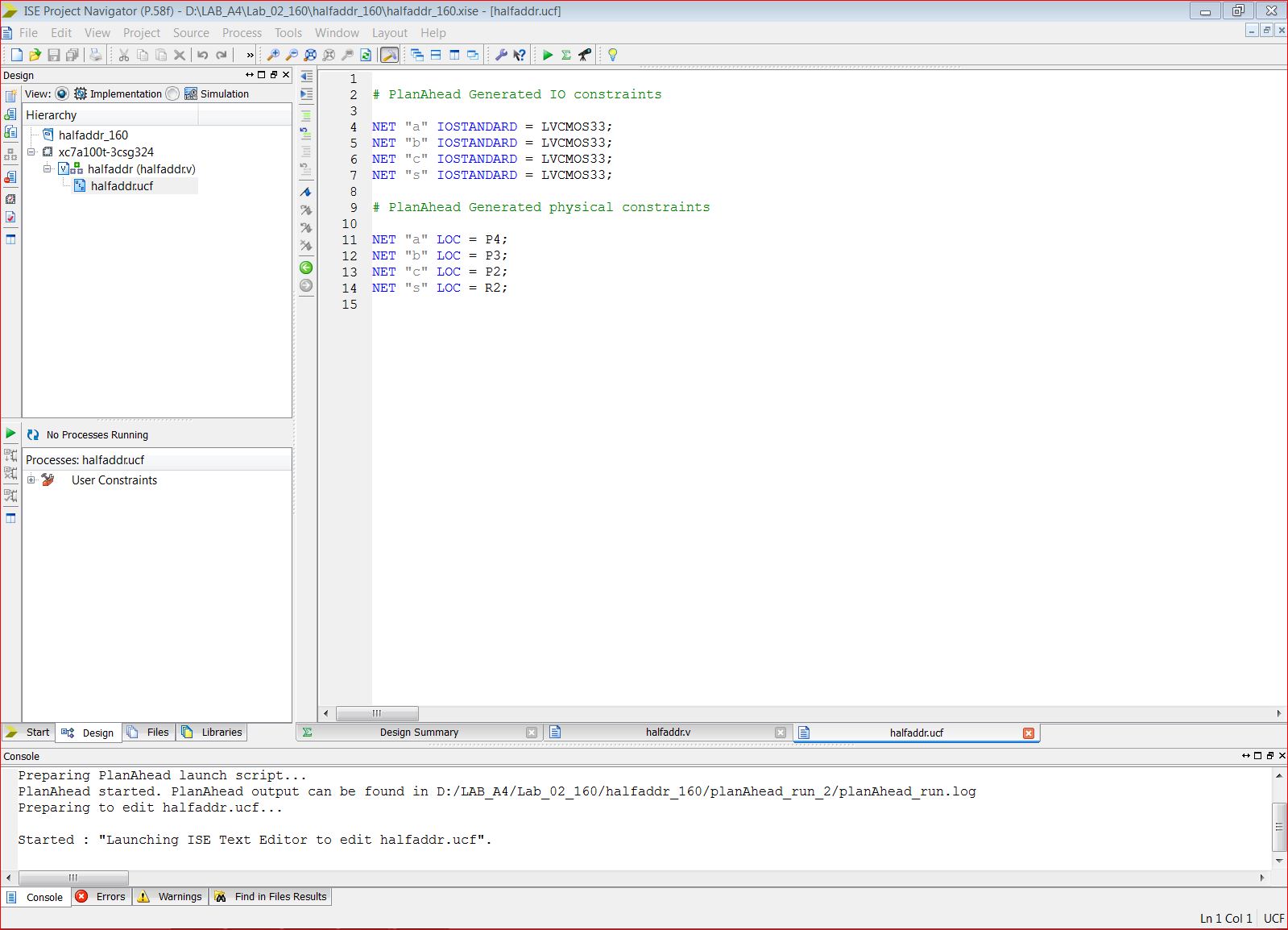
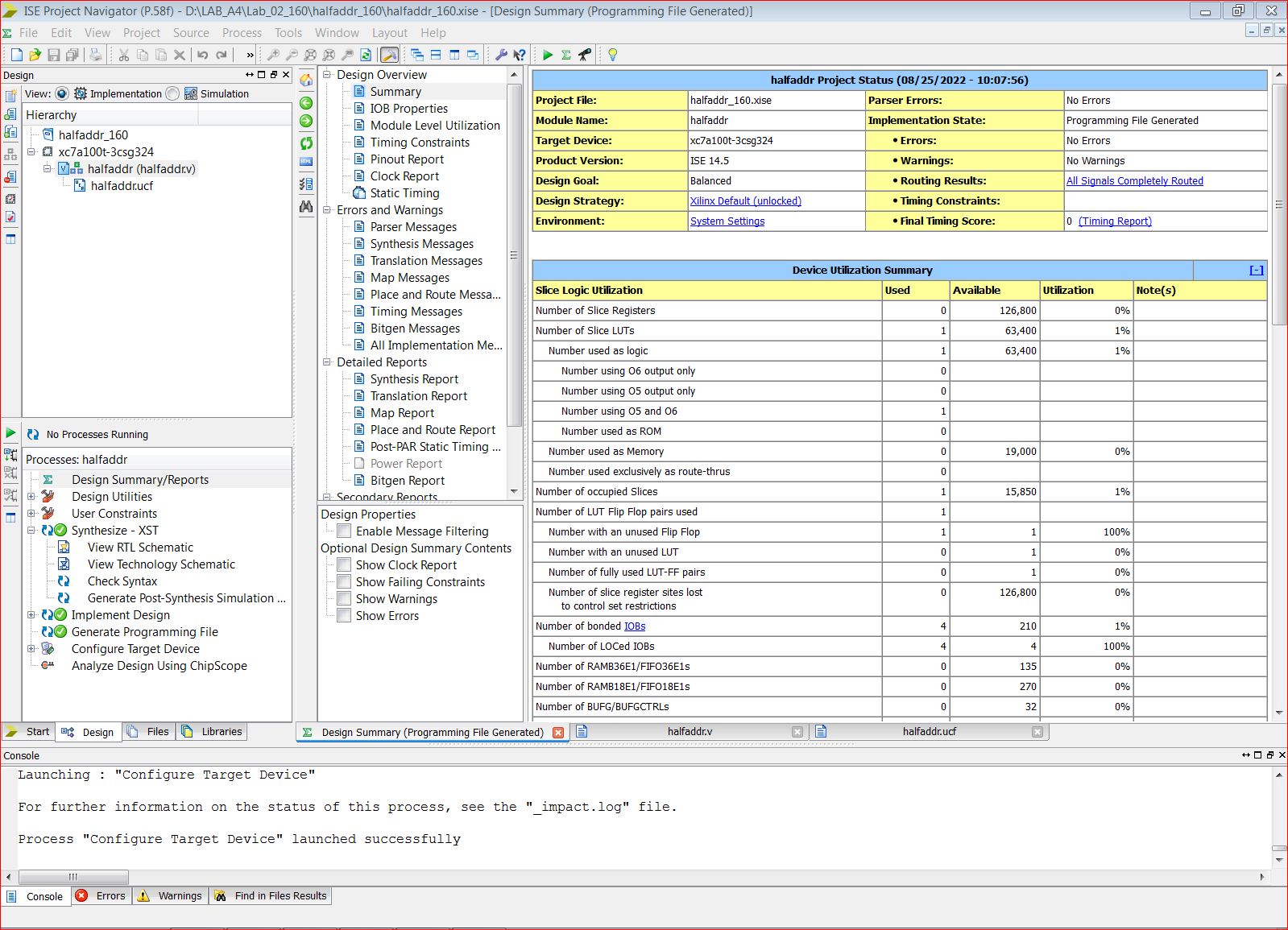
1. **RTL Schematic**





1. **Simulation**



1. **IO Planning** 
2. **UCF File**
3. **Design Summary**
4. **Program successfully uploaded**

