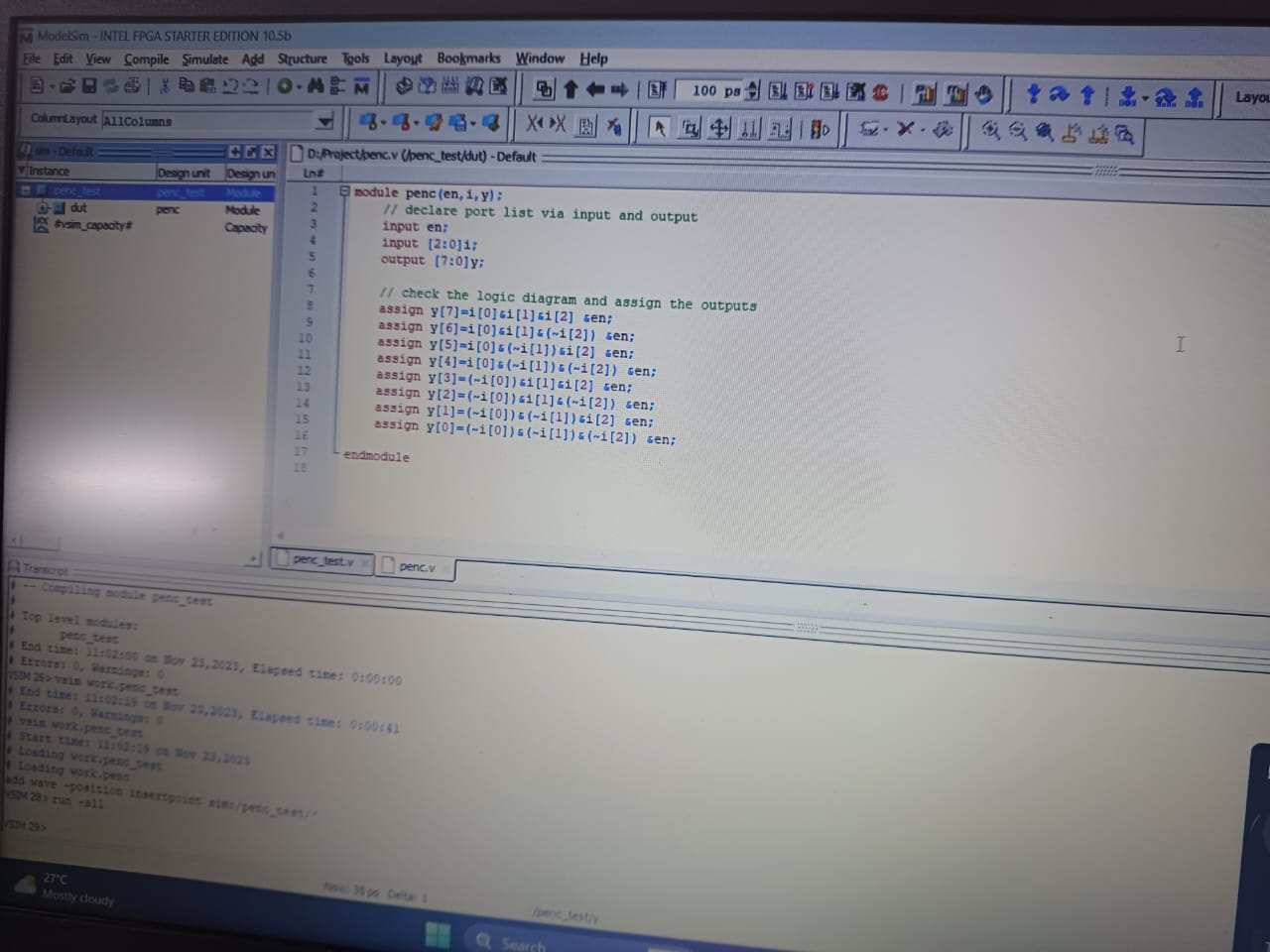
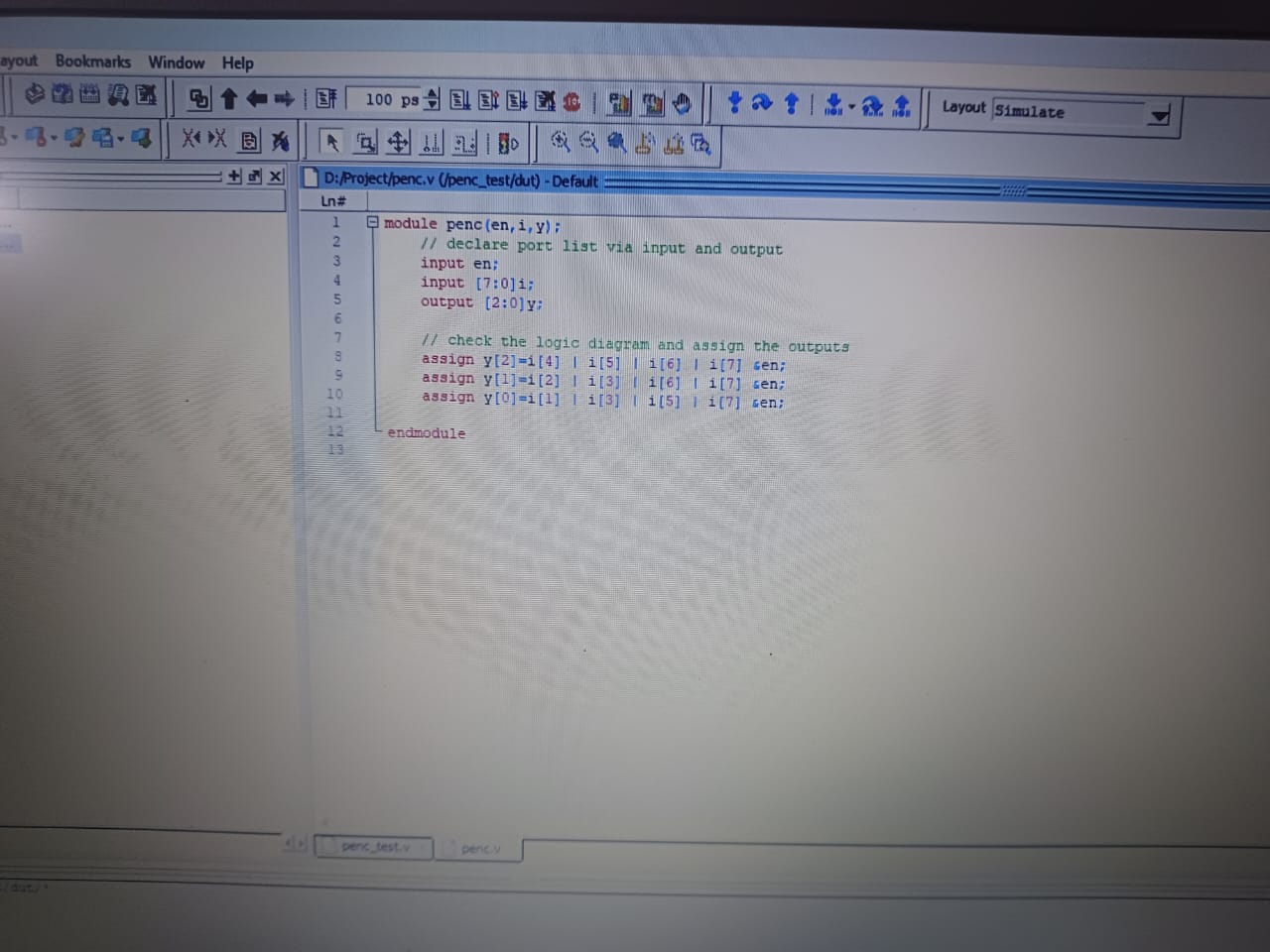
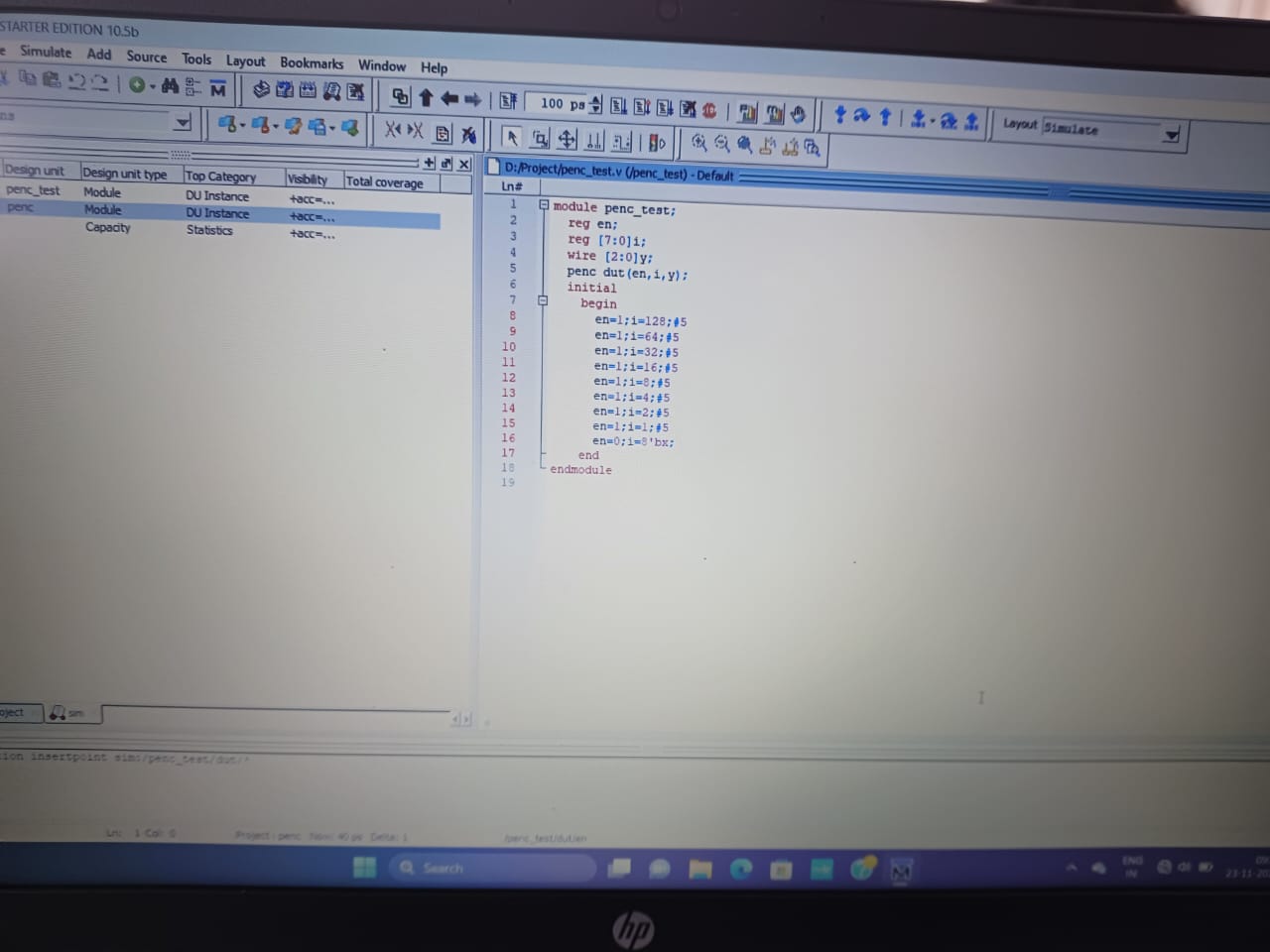
1. decoder



1. Encoder:





Hall adder: 