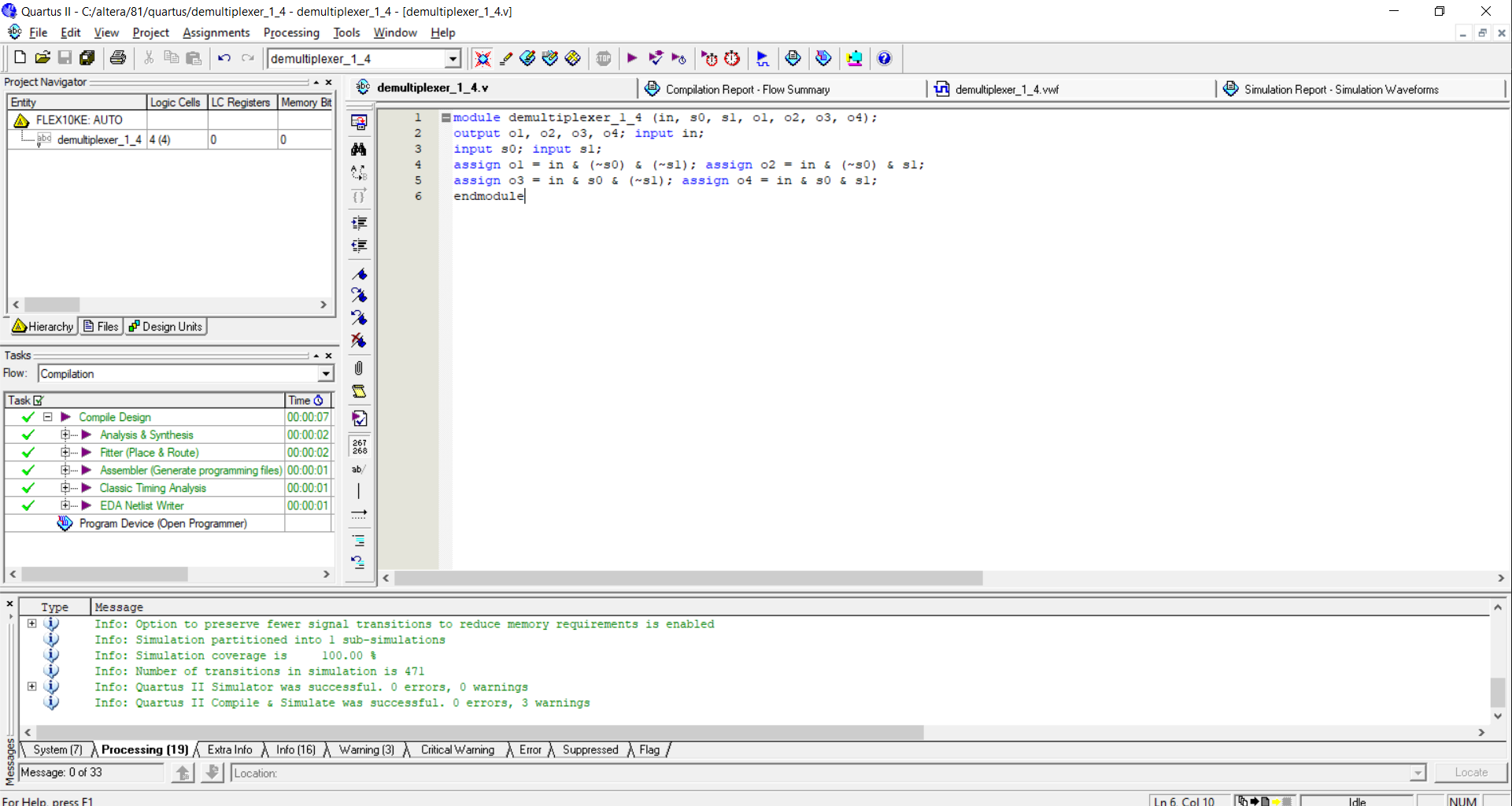
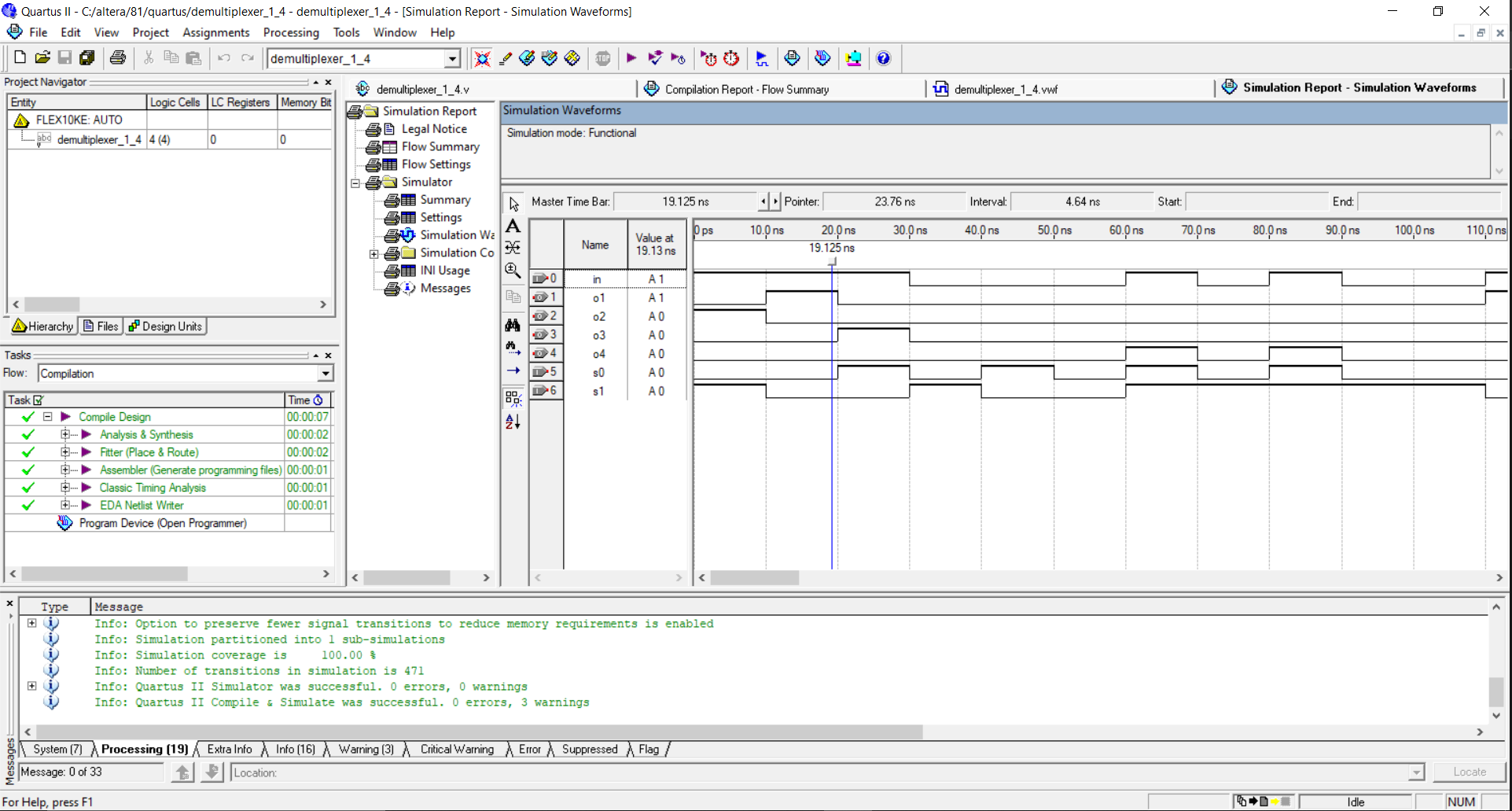
**1 to 4 Demultiplexer:**

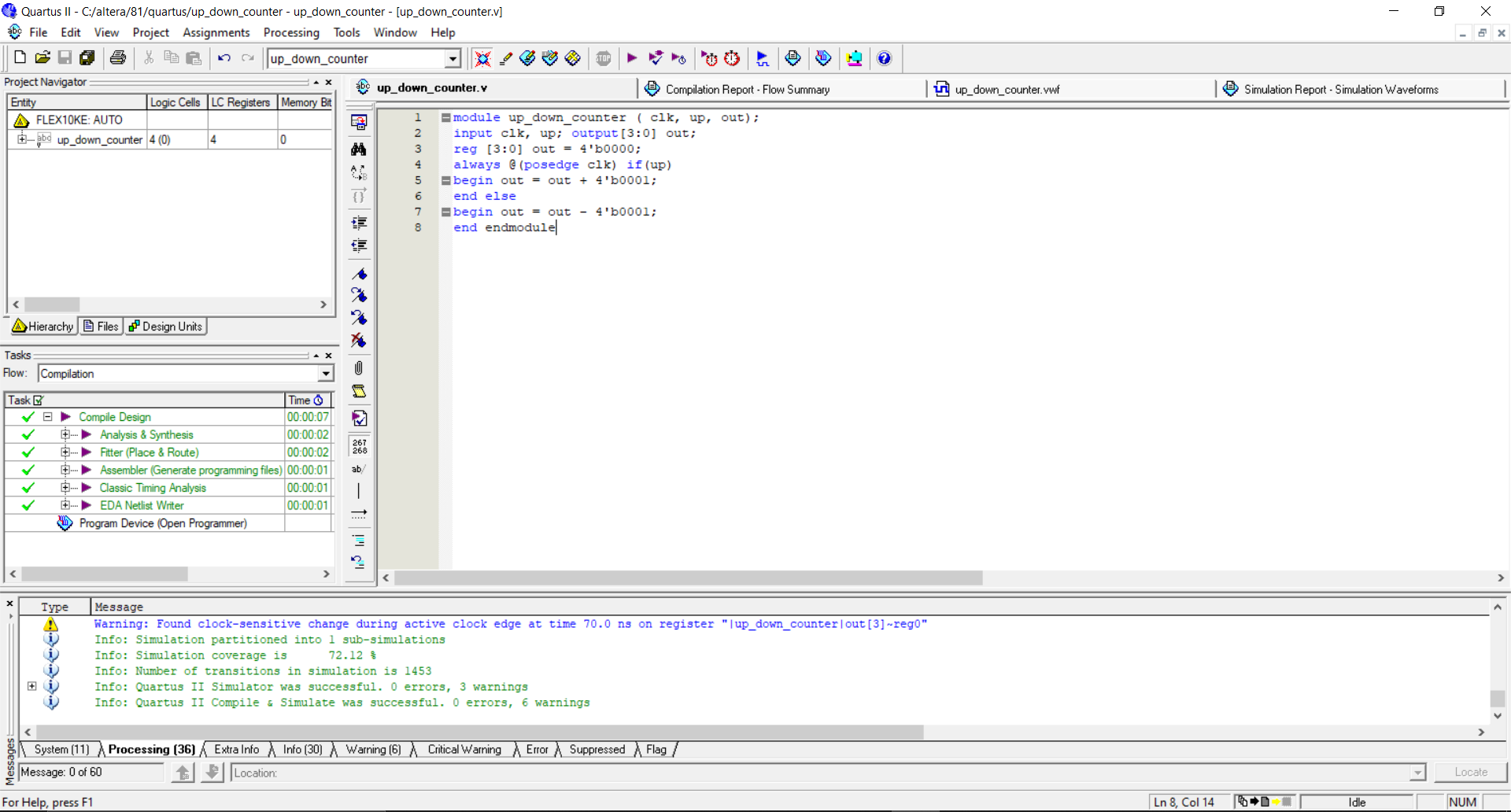
Code:

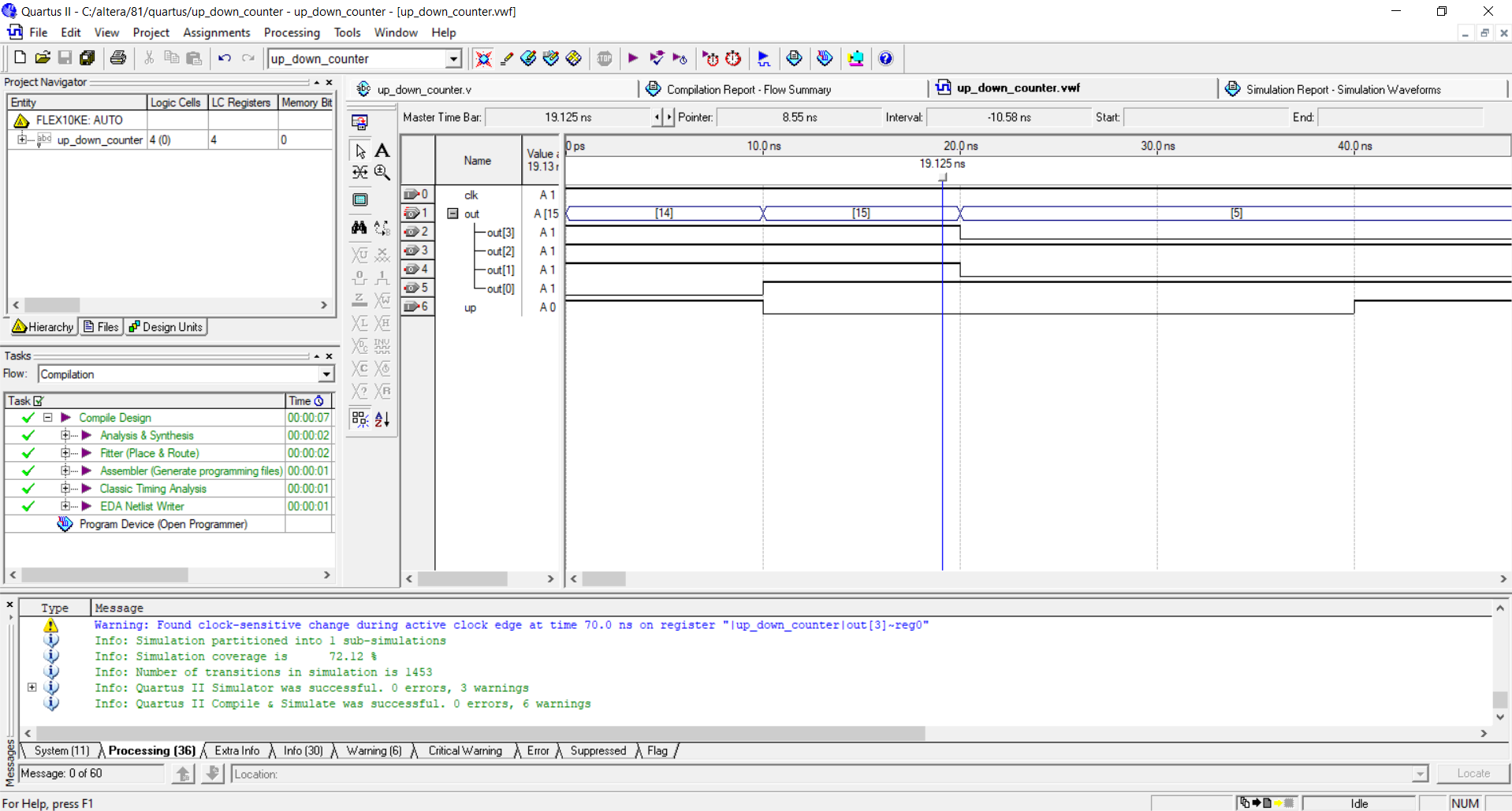




**Up-Down Counter:**

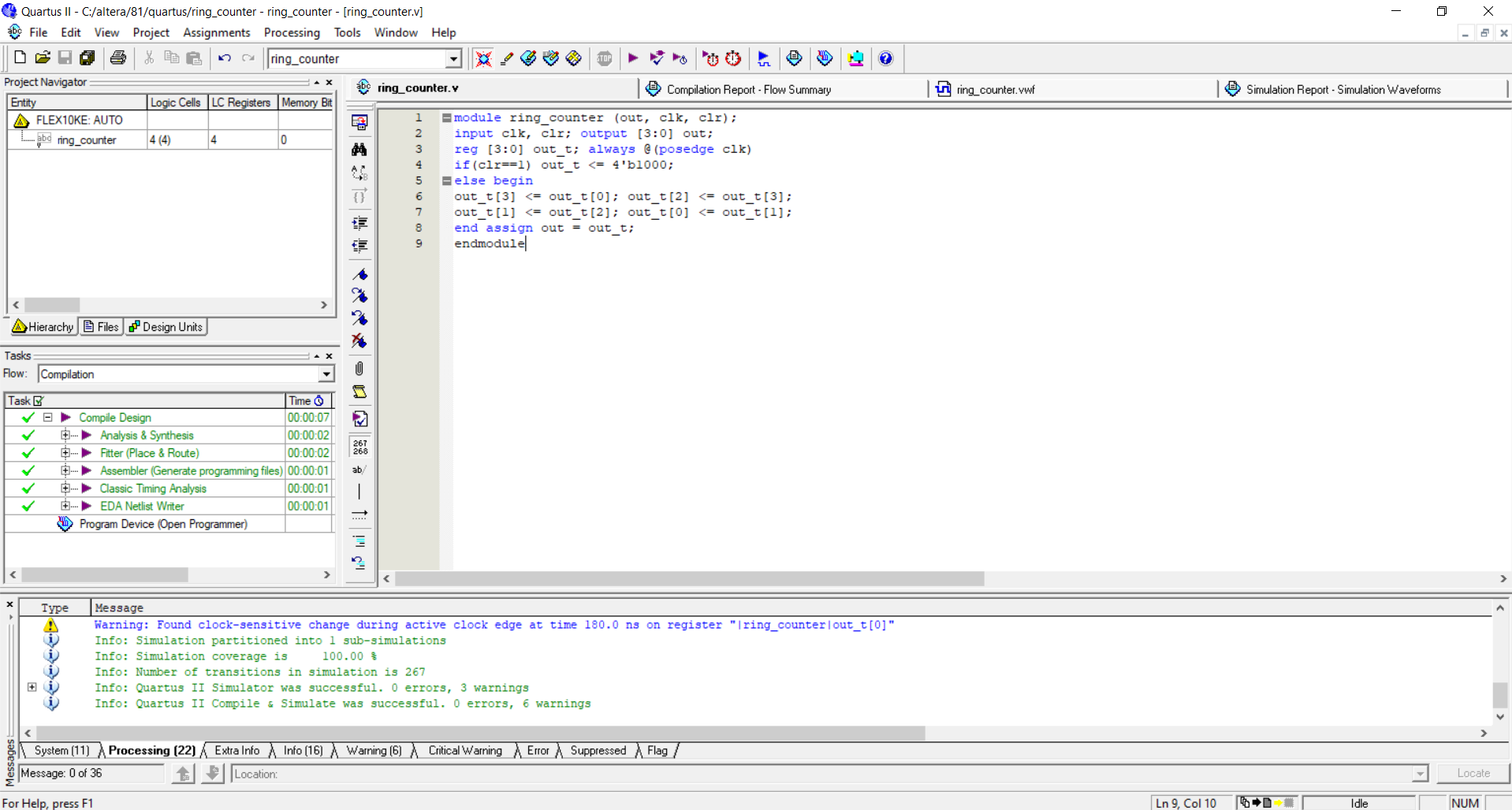
**Code:**

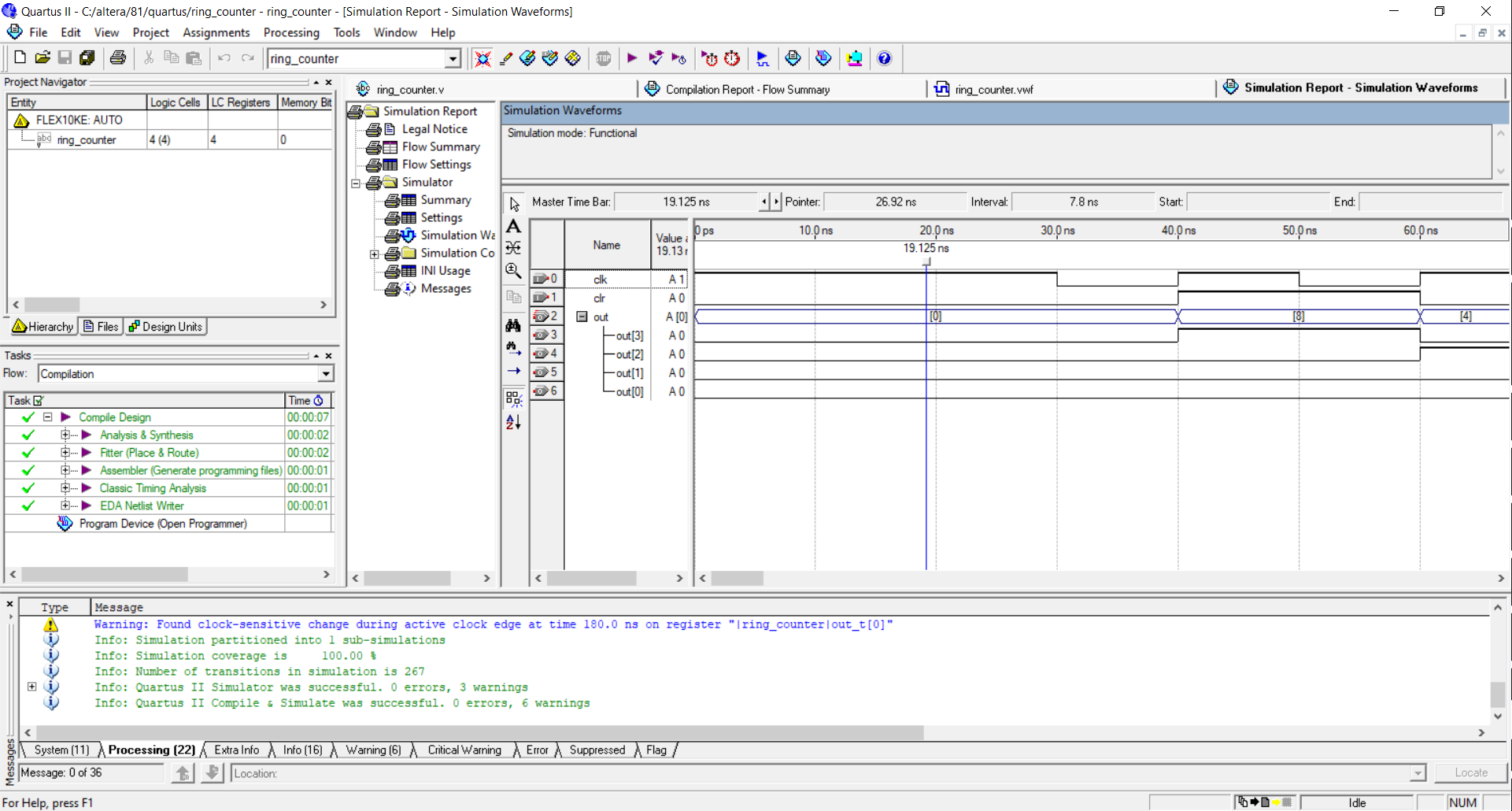




**Ring Counter:**

**Code:**





**Johnson Counter:**

**Code:**

