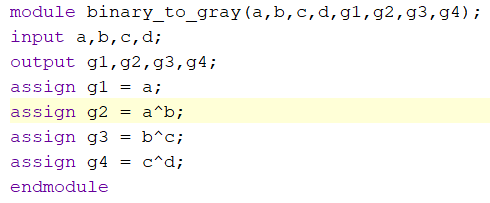
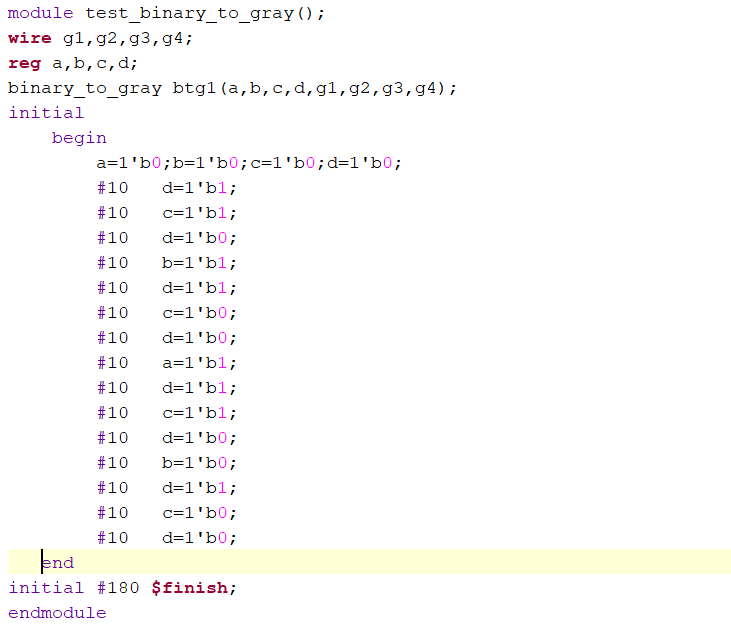
|  |  |
| --- | --- |
| **CSL2070 Digital Design**  Lab Report | |
| **Roll Number** | **B20CS029** |
| **Name** | **Kulkarni Tanmay Shreevallabh** |
| **Lab number** | **Lab2** |
| **Experiment Title** | **Binary to Gray converter, Gray to binary Converter, Hex to Seven Segment Converter, Two Buzzer System** |

**Binary to Gray Converter (4-bit)**

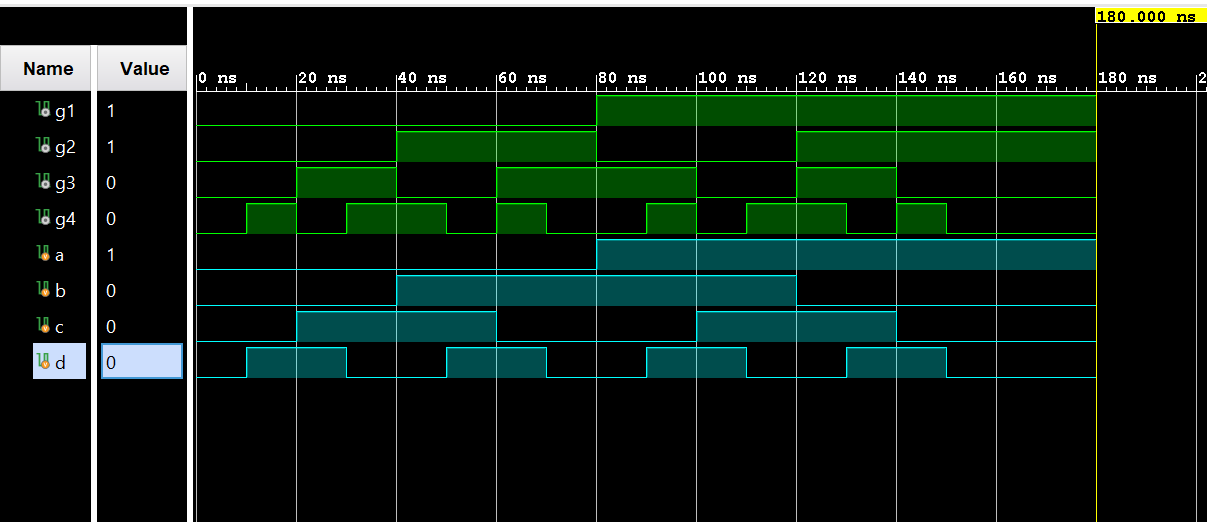
**Code**



**Code for Test Bench**

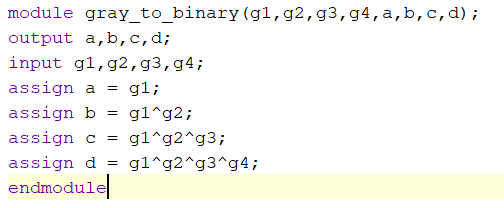
****

**Waveform**

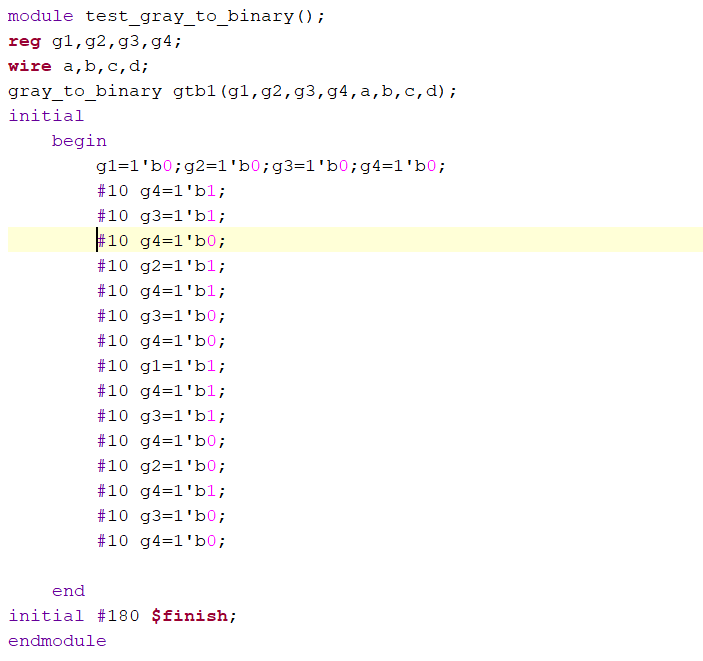


**Gray to Binary (4-bit)**

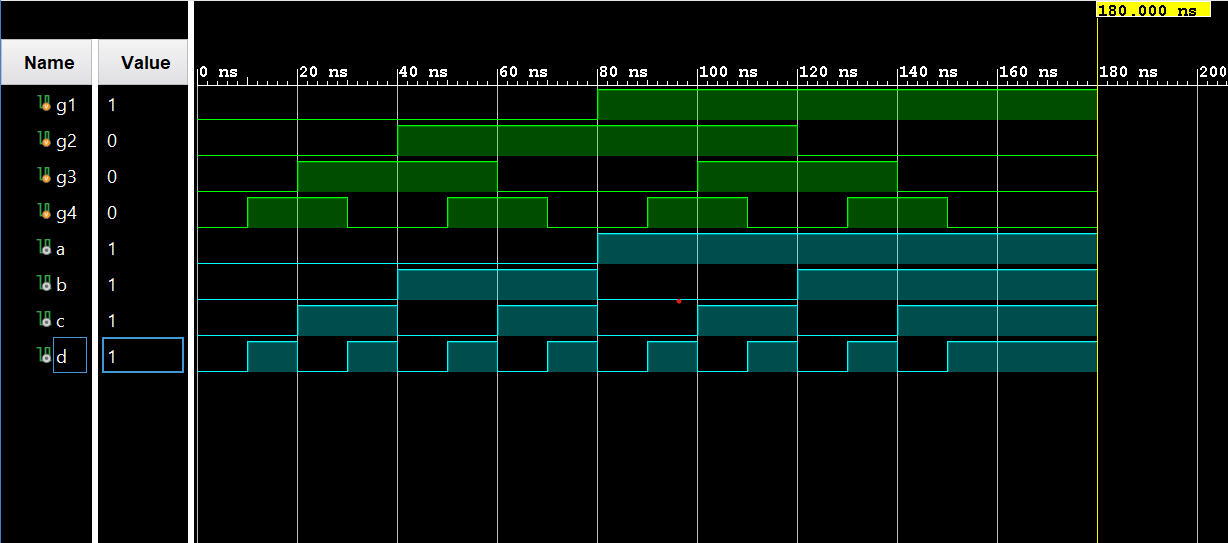
**Code**



**Code for Test- Bench**

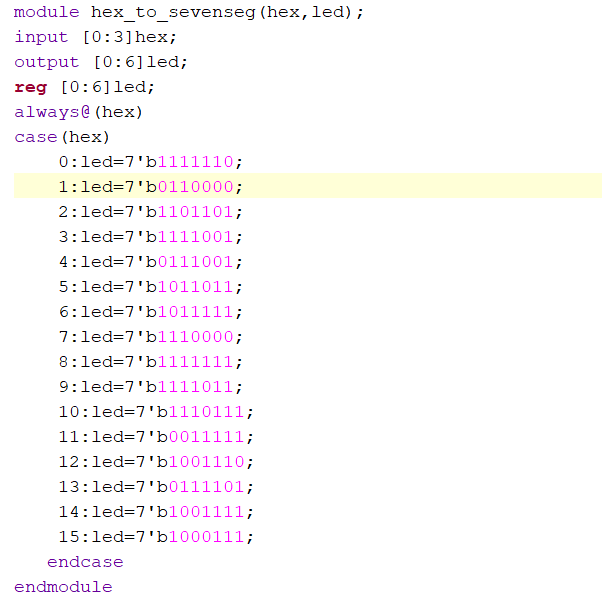
****

**Waveform**

****

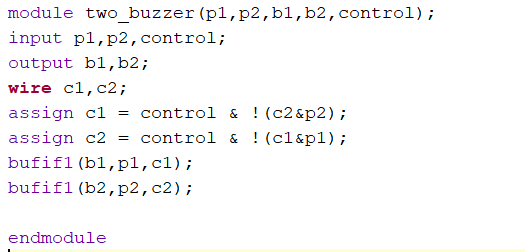
**Hex to Seven Segment converter**

**Code**

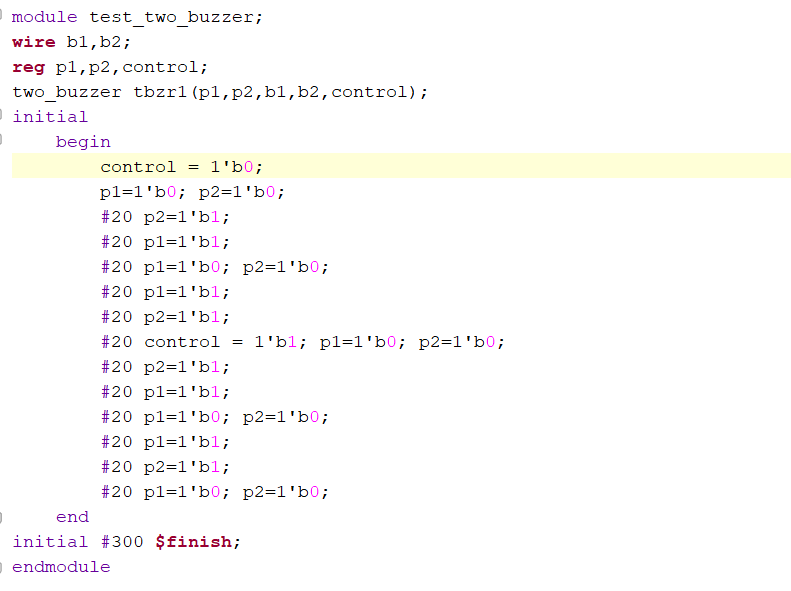


**Two-Buzzer System**

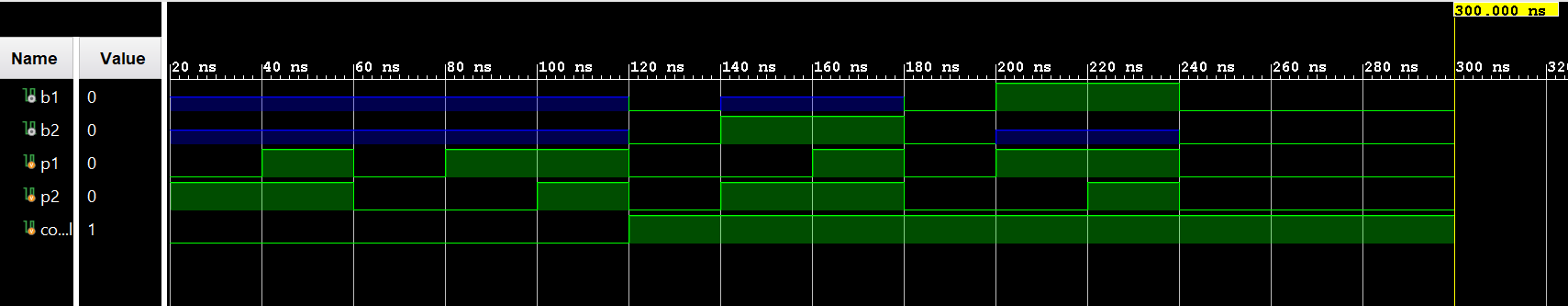
**Code**



**Code for Test- Bench**

****

**Waveform**

****