

4.1 I use the map from 5-bit input to 8 bit output (divide into two 4-bit number for each Seven-segment device)

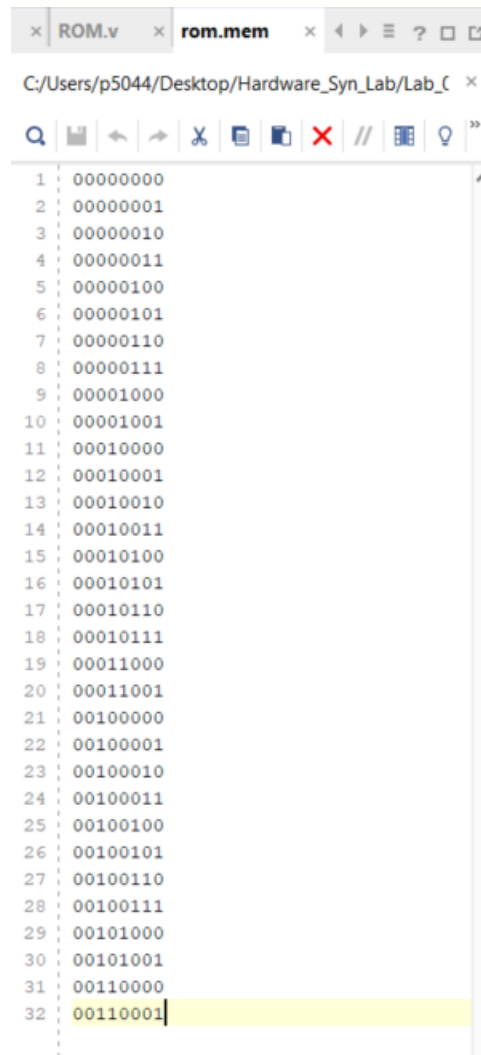


Figure 1. The rom that I created.

The first four digits is for the seven-segment that display the number with the place value of Tens.

The last four digits is for the seven-segment that display the number with the place value of Ones.

Example 00110001 will be display as 31 (0011 is 3, 0001 is 1);