ECE3221 Pre-Lab 3

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Pre-Lab Exercise: Complete the 7-segment lookup table below by giving in hexadecimal the 8- bit segment settings that will display the patterns shown for the inputs from 0 to 7.

A picture containing drawing

Description automatically generated

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INPUT | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Segment  Settings | 0011 1111  0x3F | 0000 0110  0x06 | 0101 1011  0x5B | 0100 1111  0x4F | 0100 1001  0x49 | 0101 1100  0x5C | 0110 0011  0x63 | 0111 0001  0x71 |