dld lab #9

Mohammad Yehya Hayati , 21K-3309 , BCS-2G

Table of Contents

[**Exercise #1:** 2](#_Toc103897387)

[**Exercise #2:** 3](#_Toc103897388)

# **Exercise #1:**



|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EI** | **D7** | **D6** | **D5** | **D4** | **D3** | **D2** | **D1** | **D0** | **A2** | **A1** | **A0** |
| 1 | X | X | X | X | X | X | X | X | 1 | 1 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | X | 1 | 1 | 0 |
| 0 | 1 | 1 | 1 | 1 | 1 | 0 | X | X | 1 | 0 | 1 |
| 0 | 1 | 1 | 1 | 1 | 0 | X | X | X | 1 | 0 | 0 |
| 0 | 1 | 1 | 1 | 0 | X | X | X | X | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | X | X | X | X | X | 0 | 1 | 0 |
| 0 | 1 | 0 | X | X | X | X | X | X | 0 | 0 | 1 |
| 0 | 0 | X | X | X | X | X | X | X | 0 | 0 | 0 |

# **Exercise #2:**



|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **D8** | **D7** | **D6** | **D5** | **D4** | **D3** | **D2** | **D1** | **D0** | **D** | **C** | **B** | **A** |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | X | X | X | X | X | X | X | X | 0 | 1 | 1 | 0 |
| 1 | 0 | X | X | X | X | X | X | X | 0 | 1 | 1 | 1 |
| 1 | 1 | 0 | X | X | X | X | X | X | 1 | 0 | 0 | 0 |
| 1 | 1 | 1 | 0 | X | X | X | X | X | 1 | 0 | 0 | 1 |
| 1 | 1 | 1 | 1 | 0 | X | X | X | X | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 1 | 1 | 0 | X | X | X | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | X | X | 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | X | 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |

# **Exercise #3:**

I)A

II)A