Lab Assignment 2

1) WAP to check if the Characters (of the same address/position) of one Array A are exactly matching with those of the Array B. Each 2-D Array is 2*4 dimensional in nature shown as below:-

 A = {{ 'A', 'B', 'C', 'D' }, { 'a', 'b', 'c', 'd' }};
 B = {{ 'A', 'B', 'C', 'D' }, { 'E', 'F', 'G', 'H' }};

 *Solve it by using **For Loop.*** The Output should be: **1,1,1,1,0,0,0,0** (vertically).

2) WAP to print the following pattern by using **For-Loop.**

 *
 * *
 * * *
 * * * *
 * * * * *

3) WAP to print the following pattern by using **For-Loop.**

 0
 0 1
 0 1 2
 0 1 2 3
 0 1 2 3 4

4) WAP to print the following pattern by using **For-Loop.**

```
* * * * *
* * * *
* * *
* *
*
```

5) WAP to find the output of the **1-D, 3-Input AND Gate**. Each 1-D Array is a 1*8 dimensional in nature shown as below:-

A = { 0, 0, 0, 0, 1, 1, 1, 1 }; B[] = { 0, 0, 1, 1, 0, 0, 1, 1 }; C[] = { 0, 1, 0, 1, 0, 1, 0, 1 };

Solve it by using **For Loop**. The Output should be: **0, 0, 0, 0, 0, 0, 0, 1.**

DO NOT refer online.