



United International University  
Department of Computer Science and Engineering  
CSE 1112 Structured Programming Language Laboratory  
Section B  
Summer 2021  
Lab Assessment 2

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1. Write a program to print the following pattern on screen using nested loop:

```
1
0 1 0
1 0 1 0 1
0 1 0 1 0 1 0
1 0 1 0 1 0 1 0 1
```

2. Write a program that will take 10 positive integers into an array A. Now find all the integers that are divisible by 3 and find their sum. Then find all the even numbers and add 1 to each of them. Finally show all elements of array A.

Sample Input:

Enter the numbers: 9 11 34 23 16 15 2 37 89 54

Sample Output:

The sum is: 78

9 11 35 23 17 15 3 37 89 55