## AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Object Oriented Programming 2

Practice Problems

- 1. Write a program to print all even numbers from 1 to n using for loop.
- 2. Write a program to print the following pattern using loop.

X0X0X0

0X0X0X

xaxaxa

0X0X0X

3. Write a program to print the given number pattern using loop.

12345

23456

34567

45678

56789

- 4. Write a program to print the sum of odd and even numbers starting from 1 to 100.
- 5. Write a program to print the given number pattern using loop.

- 6. Write a program to find out factorial of a number. Example factorial of 5 is 1\*2\*3\*4\*5
- 7. Print the pattern below.

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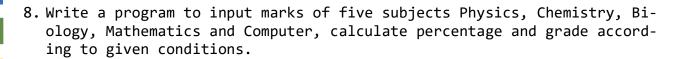
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Hint: Mark greater than or equal 90: Grade A+

Mark between 85 and 89: Grade A
Mark between 80 and 85: Grade B+
Mark between 75 and 79: Grade B
Mark between 50 and 75: Grade C+

Mark less than 50: Grade F

