Lab 1: Tasks on C# Basics Concepts

IN-LAB:

1. Write a C# code to implement the simple calculator?

TASK1: It's required to create a simple calculator with addition and subtraction operations for two integer numbers

For example, how to find the sum of given integer values **a** and **b**. You have a skeleton code:

```
public static int Add(int a, int b)
{
    //TODO Delete line below and write your own solution
    throw new NotImplementedException();
}
```

Task1:

```
Frogram.cs = X

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```

1. Write a C# code to solve the TASK2 and TASK3.

TASK2: For a given integer n calculate the value which is equal to:

- 1. squared number, if its value is strictly positive;
- 2. modulus of a number, if its value is strictly negative;
- 3. zero, if the integer n is zero.

Example

```
n = 4 result = 16
```

n = -5 result = 5

n = 0 result = 0

TASK3: Find the maximum integer, that can be obtained by numbers of an arbitrary three-digit positive integer n permutation (100<=n<=999).

Example

n = 165 result = 651

task2:

```
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```

task3:

```
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POST-LAB

1. Implement a proper calculator with all the functionalities like addition, subtraction, multiplication, division and square root.

Answer: