# Lab: Simple Commands

Test your solutions in the **judge system**: <https://judge.softuni.org/Contests/4621/Simple-Commands-Lab>

## Hello C#

Write a program that, **prints "Hello C#"** on the console.

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| *Console.WriteLine("Hello C#");* | Hello C# |

## Print 5 \* 5

Write a program that:

* Calculate **the value of 5 \* 5**
* Prints the **result at the console**

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| *Console.WriteLine(5 \* 5);* | 25 |

## Number Operations

Write a program that:

* Print your **name on the first line**
* Calculate and print the **expression 5 + 3 at the second line**

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| *Console.WriteLine("Desislava");*  *Console.WriteLine(5 + 3);* | Desislava  8 |

## Calculations

Write a program, which **calculates** and **prints** the value of the following **expressions**:

* **5 + 3 \* 2**
* **4 \*  (2 + 3)**
* **(2 + 5)  \*  (8 - 2)  / 7**

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| *Console.WriteLine(5 + 3 \* 2);*  *Console.WriteLine(4 \* (2 + 3));*  *Console.WriteLine((2 + 5) \* (8 - 2) / 7);* | 11  20  6 |

## Square of 7 \* 7 stars

Write a program, which **prints a square of 7 \* 7** stars like this:

**\* \* \* \* \* \* \***

**\* \* \* \* \* \* \***

**\* \* \* \* \* \* \***

**\* \* \* \* \* \* \***

**\* \* \* \* \* \* \***

**\* \* \* \* \* \* \***

**\* \* \* \* \* \* \***

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| *using System;*  *class Program*  *{*  *static void Main()*  *{*  *// Loop through each row*  *for (int i = 0; i < 7; i++)*  *{*  *// Loop through each column*  *for (int j = 0; j < 7; j++)*  *{*  *// Print a star*  *Console.Write("\* ");*  *}*  *// Move to the next line after each row is printed*  *Console.WriteLine();*  *}*  *}*  *}* | **\* \* \* \* \* \* \***  **\* \* \* \* \* \* \***  **\* \* \* \* \* \* \***  **\* \* \* \* \* \* \***  **\* \* \* \* \* \* \***  **\* \* \* \* \* \* \***  **\* \* \* \* \* \* \*** |