# More Exercises: Basic Syntax, Conditional Statements and Loops

## Sort Numbers

Receive three numbers and sort them in descending order. Print each number on a new line.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2  1  3 | 3  2  1 |
| -2  1  3 | 3  1  -2 |
| 0  0  2 | 2  0  0 |

## English Name of the Last Digit

Write a **function** that returns the **English name** of the last digit of a given number. Write a program that receives a number and prints the returned value from this function.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 512 | two |
| 1 | one |
| 1643 | three |

## Next Day

Write a JS function that calculates the date of the next day by given year, month and day.

The **input** comes as three number parameters. The first element is the year, the second is the month and the third is the day.

The **output** should be returned as a result of your function.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2016, 9, 30 | 2016-10-1 |

### Hints

* Use **Date()**

## Reverse String

Write a program which reverses a string and print it on the console.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Hello | olleH |
| SoftUni | inUtfoS |
| 1234 | 54321 |

1. **Distance Between Points**

Write a JS function that calculates the distance between two points by given x and y coordinates.

The **input** comes as four number elements in the format **x1, y1, x2, y2**. Each pair of elements are the coordinates of a point in 2D space.

The **output** should be returned as a result of your function.

**Examples**

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2, 4, 5, 0 | 5 |

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2.34, 15.66, -13.55, -2.9985 | 24.50778901186315 |

Sehr geehrte Damen und Herren,

Mein Name ist Dario Tsvetanov und ich bin 17 Jahre alt. Ich bin Student, also kann ich stundenlang dabei helfen. Ich habe an früheren Straßenaktionen teilgenommen, dafür kann ich nützlich sein. Ich kann Unterschriften sammeln oder das Plakate erstellen, um der Sache zu helfen.

Mit besten Grüßen

Dario Tsvetanov