

Course JavaScript Programming Language and jQuery

Module 1

TOPIC: INTRODUCTION TO JAVASCRIPT

Task

To output the data, use `alert()` or `document.write()`. To enter data, use `prompt()` and `confirm()`.

- **Tasks in which you want to use WHILE.**

1. Output # as many times as the user specified.
2. The user entered a number, and all numbers from the entered one to 0 must be displayed.
3. Ask for a number and a power. Raise the number to the specified power and output the result.
4. Ask for 2 numbers and find all common divisors.
5. Calculate factorial of the number entered by the user.

- **Tasks in which you want to use DO...WHILE.**

1. Ask the user to solve this " $2 + 2 * 2$ " until they calculate it correctly.
2. Divide 1000 by 2 until you get a number that is less than 50. Output this number and the amount of divisions.

- **Tasks in which you want to use FOR.**

1. Display all numbers from 1 to 100, which are multiples of the number specified by the user.
2. Output each 4th element from the user-specified range. The user specifies the minimum and maximum range values.
3. Request a number and check whether it is prime. A prime number is divided only by itself and by one without a remainder.