

Question: 1

Write a JavaScript program that accept two integers and display the larger.

Question: 2

Write a JavaScript conditional statement to sort three numbers. Display an alert box to show the result.

Sample numbers: 0, -1, 4

Output: 4, 0, -1

Question: 3

Write a JavaScript conditional statement to find the largest of five numbers. Display an alert box to show the result.

Sample numbers: -5, -2, -6, 0, -1

Output: 0

Question: 4

Write a JavaScript for loop that will iterate from 0 to 15. For each iteration, it will check

if the current number is odd or even, and display a message to the screen.

Sample Output:

"0 is even"

"1 is odd"

"2 is even"

Question: 5

Write a JavaScript program which compute, the average marks of the following students then, this average is used to determine the corresponding grade.

The grades are computed as follows:

Range	Grade
-------	-------

<60	F
-----	---

<70	D
-----	---

<80	C
-----	---

<90	B
-----	---

<100	A
------	---

Question: 6

Write a JavaScript program which iterates the integers from 1 to 100. But for multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".

Question: 7

Write a JavaScript program to find the armstrong numbers of 3 digits.

Note: An Armstrong number of three digits is an integer such that the sum of the cubes of its digits is equal to the number itself. For example, 371 is an Armstrong number since $3^3 + 7^3 + 1^3 = 371$.

Question: 8

Write a JavaScript program to construct the following pattern, using a nested for loop.

*

*

*

Question: 9

Write a JavaScript program to compute the greatest common divisor (GCD) of two positive integers.

Question: 10

Write a JavaScript program to sum the multiples of 3 and 5 under 1000.

Question: 11

Get the sum of two arrays...actually the sum of all their elements.

P.S. Each array includes only integer numbers. Output is a number too.

```
let arr_1 = [3, 5, 22, 5, 7, 2, 45, 75, 89, 21, 2];  
// --> 276  
let arr_2 = [9, 2, 42, 55, 71, 22, 4, 5, 90, 25,  
26]; // --> 351  
// Example output:  
// 276 + 351 = 627
```

Question: 12

Using a for loop print all even numbers up to and including n. don't include 0.

```
let n1 = 22;
```

```
// Example output:
```

```
// 2 4 6 8 10 12 14 16 18 20 22 OR each item  
on a new line
```

Question: 14

Given two arrays of integers. Add up each element in the same position and create a new array containing the sum of each pair. Assume both arrays are of the same length.

```
let arr_3 = [4, 6, 7];  
let arr_4 = [8, 1, 9];  
// Example output:  
// [12, 7, 16]
```

Question: 15

Given a string change the every second letter to an uppercase 'Z'. Assume there are no space.

```
let str1 = "javascript";  
// Example output:  
// jZvZsZrZpZ OR each letter on a new line  
// HINT: You can use if((i+1) % 2 == 0) to  
check for even indexes
```

Question: 16

Check if a string contains the letter "y".
Print "yes" if it does and "no" if it does not.

```
let str2 = "don't know why";  
// Example output:  
// "yes"
```

Question: 17

Given a number n Calculate the factorial of the number

```
let n2 = 4; // 4 * 3 * 2 * 1 = 24
```

```
// Example output:
```

```
// 24
```

Question: 18

Write a program that will allow someone to guess a four digit pin exactly 4 times. If the user guesses the number correctly. It prints "That was correct!" Otherwise it will print "Sorry that was wrong." Program stops after the 4th attempt of if they got it right.

```
let pin = 0704;
```

```
// Example output:
```

```
// Please make your guess:
```

```
// 4544
```

```
// Sorry that was wrong.
```

// Please make your guess:

// 4444

// Sorry that was wrong.

// Please make your guess:

// 0704

// That was correct!

Question: 19

Write a program that will check if two strings are palindromes. A palindrome is a word that spells the same forward and backward.

Palindrome: a word, phrase, or sequence that reads the same backward as forward, e.g., madam or nurses run.

```
let str3 = "racecar";
```

```
let str4 = "Java";
```

// Example output:

// string1 palindrome?:

// Yes

// string2 palindrome?:

// No

Question: 20

This is a code wars kata. [click here to train on "Grasshopper - Summation"](#) on code wars. Write a program that finds the summation of every number from 1 to num. The number will always be a positive integer greater than 0.

let num1 = 2;

let num2 = 8;

// Example output:

// 1 + 2 = 3

// 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 = 36

Question: 21

Write a JavaScript program to create a new string adding "Py" in front of a given string. If the given string begins with "Py" then

return the original string.

Question: 22

Write a JavaScript program to remove a character at the specified position of a given string and return the new string.

Question: 23

Write a JavaScript program to create a new string from a given string changing the position of first and last characters. The string length must be greater than or equal to 1.

Question: 21

Write a JavaScript program to create a new string from a given string with the first character of the given string added at the front and back.

Question: 24

Write a JavaScript program to check whether a given positive number is a multiple of 3 or a multiple of 7.

Question: 25

Write a JavaScript program to create a new string from a given string taking the last 3 characters and added at both the front and back. The string length must be 3 or more.

Question: 26

Write a JavaScript program to check whether a string starts with 'Java' and false otherwise.

Question: 27

Write a JavaScript program to check whether two given integer values are in the range 50..99 (inclusive). Return true if either of them are in the said range.

Question: 28

Write a JavaScript program to check whether three given integer values are in the range 50..99 (inclusive). Return true if one or more of them are in the said range.

Question: 29

Write a JavaScript program to check whether a string "Script" presents at 5th (index 4) position in a given string, if "Script" presents in the string return the string without "Script" otherwise return the original one.

Question: 30

Write a JavaScript program to find the largest of three given integers.

Question: 31

Write a JavaScript program to find a value which is nearest to 100 from two different

given integer values.

Question: 32

Write a JavaScript program to check whether two numbers are in range 40..60 or in the range 70..100 inclusive.

Question: 33

Write a JavaScript program to find the larger number from the two given positive integers, the two numbers are in the range 40..60 inclusive.

Question: 34

Write a program to check whether a specified character exists within the 2nd to 4th position in a given string.

Question: 35

Write a JavaScript program to check whether the last digit of the three given positive

integers is same.

Question: 36

Write a JavaScript program to create new string with first 3 characters are in lower case from a given string. If the string length is less than 3 convert all the characters in upper case.

Question: 37

Write a JavaScript program to check the total marks of a student in various examinations. The student will get A+ grade if the total marks are in the range 89..100 inclusive, if the examination is "Final-exam." the student will get A+ grade and total marks must be greater than or equal to 90. Return true if the student get A+ grade or false otherwise.

Question: 38

Write a JavaScript program to compute the sum of the two given integers, if the sum is in the range 50..80 return 65 otherwise return 80.

Question: 39

Write a JavaScript program to check from two given integers whether one of them is 8 or their sum or difference is 8.