

JavaScript Exercises

1. Write a JavaScript program to display the current day and time in the following format.

mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

2. Write a JavaScript program to determine whether a given year is a leap year.
3. Write a JavaScript program to find out if 1st January will be a Sunday between 2014 and 2050.
4. Write a JavaScript program to calculate multiplication and division of two numbers (input from the user).

1st Number :

2nd Number:

The Result Is :
120

5. Write a JavaScript program to convert temperatures to and from Celsius, Fahrenheit.
[Formula : $c/5 = (f-32)/9$ [where c = temperature in Celsius and f = temperature in Fahrenheit]
Expected Output :
60°C is 140 °F
45°F is 7.22222222222222°C
6. Write a JavaScript program to remove a character at the specified position in a given string and return the modified string.
7. Write a JavaScript program to reverse a given string.
8. Write a function that calculates the sum of all elements in an array.
9. Write a function that finds the largest element in an array.
10. Write a function that filters out even numbers from an array.
11. Write a function that filters out even numbers from an array.
12. Use the map function to square each element of an array.
13. Create an object representing a person with properties like name, age, and address.
14. Write a function that takes an object and a property name and returns the value of that property.
15. Write a function that adds a new property to an object and another function that deletes a property.
16. Create an object with nested objects representing different levels of information (e.g., a person with an address object).
17. Write a function that filters an object based on a condition.
18. Write a function that merges two objects, combining their properties.

19. Write a JavaScript function to get the values of First and Last names of the following form.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>Return first and last name from a form - w3resource</title>
  </head>
  <body>
    <form id="form1" onsubmit="getFormvalue()">
      First name: <input type="text" name="fname" value="David" /><br />
      Last name: <input type="text" name="lname" value="Beckham" /><br />
      <input type="submit" value="Submit" />
    </form>
  </body>
</html>
```

20. Write a JavaScript program to set paragraph background color.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>Set the background color of a paragraph</title>
  </head>
  <body>
    <input type="button" value="Click to set paragraph background color"
      onclick="set_background()">
    <p>w3resource JavaScript Exercises</p>
    <p>w3resource PHP Exercises</p>
  </body>
</html>
```

21. Write a JavaScript function to add rows to a table.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>Insert row in a table - w3resource</title>
  </head>
  <body>
    <table id="sampleTable" border="1">
      <tr><td>Row1 cell1</td>
      <td>Row1 cell2</td></tr>
      <tr><td>Row2 cell1</td>
      <td>Row2 cell2</td></tr>
    </table>
    <br>
    <input type="button" onclick="insert_Row()" value="Insert row" />
  </body>
</html>
```