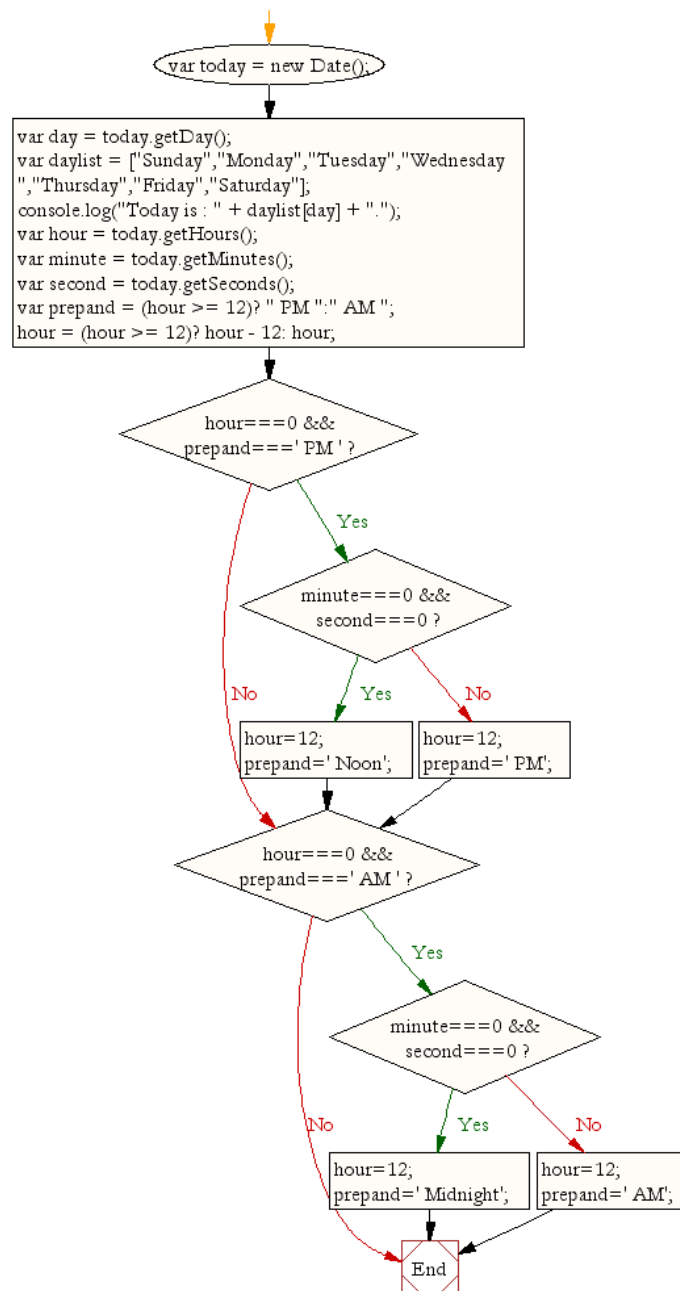


Some Javascript Exercises

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

Today is : Tuesday.

Current time is : 10 PM : 30 : 38



2. Write a JavaScript program to get the current date. In the following formats:

mm-dd-yyyy,

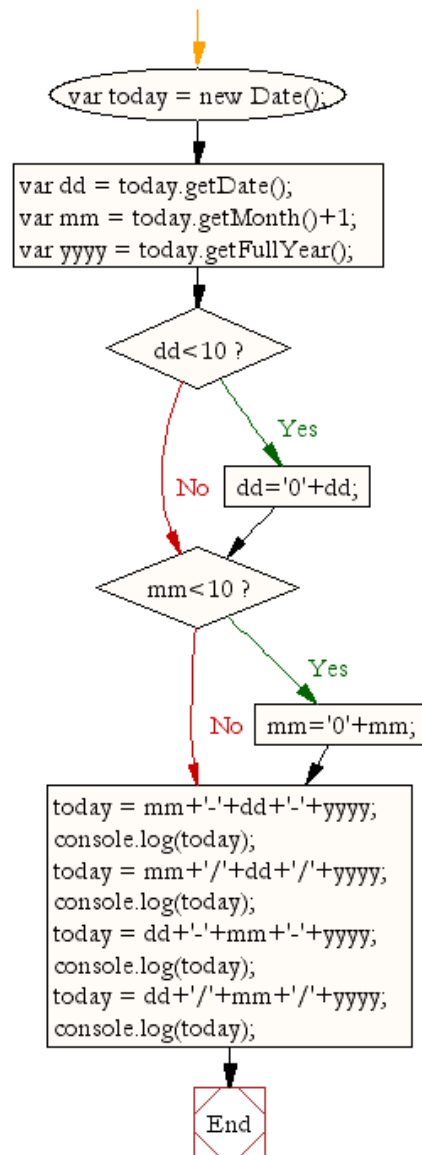
mm/dd/yyyy,

dd-mm-yyyy,

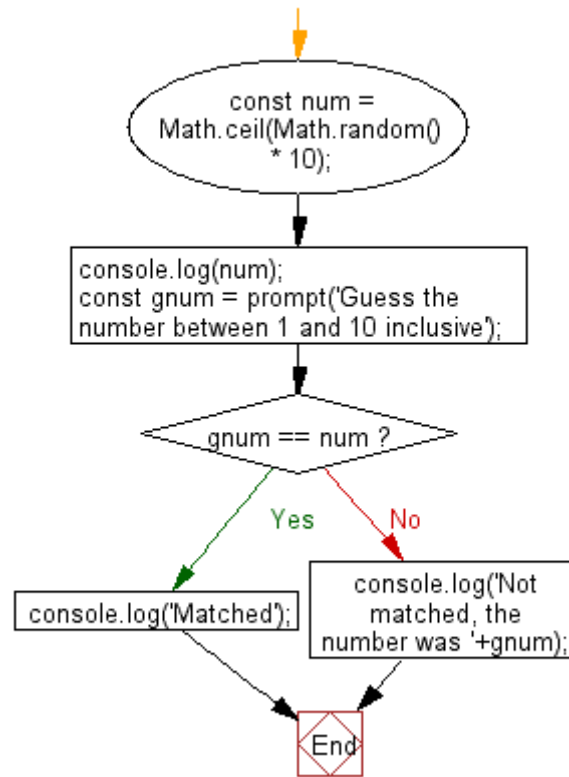
dd/mm/yyyy

Sample Output:

```
01-09-2018  
01/09/2018  
09-01-2018  
09/01/2018
```



3. Write a JavaScript program where the program takes a random integer between 1 to 10, the user is then prompted to input a guess number. If the user input matches with guess number, the program will display in the browser a message "Good Work" otherwise display a message "Not matched".



4. Write a JavaScript program to calculate multiplication and division of two numbers (input from user)

1st Number :

2nd Number:

The Result Is :
120

Homework:

Change the style to a more interesting style/

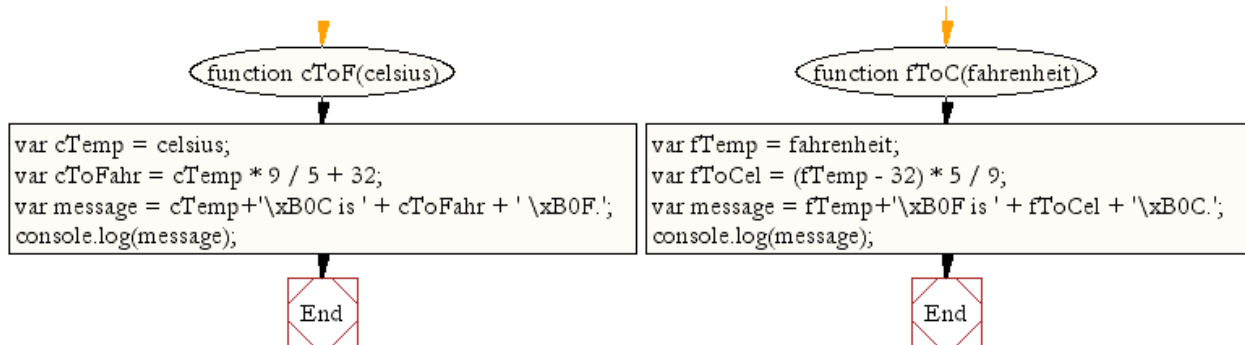
5. Write a JavaScript program to convert temperatures to and from Celsius, Fahrenheit.

[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



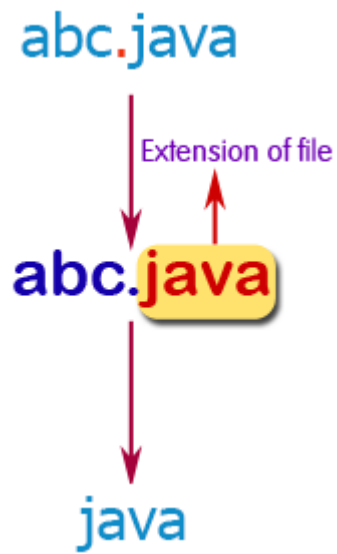
- a) Write the program and test it in the console
b) Create a form in the document and show the results in the browser

Centigrad : Fahrenheit:

The Result is :

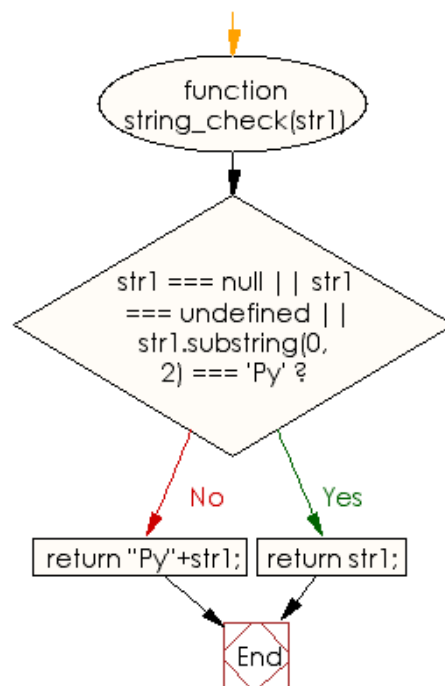
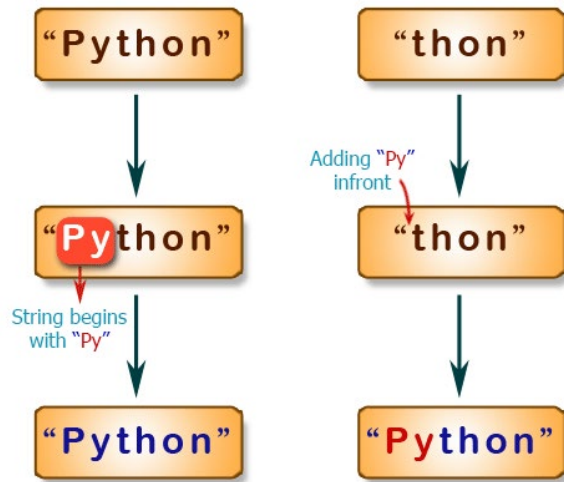
12°C is 53.6 °F.

6. Write a JavaScript exercise to get the extension of a filename.



- a) Test it in console
- b) Get the name in browser and report it in the document

7. 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.

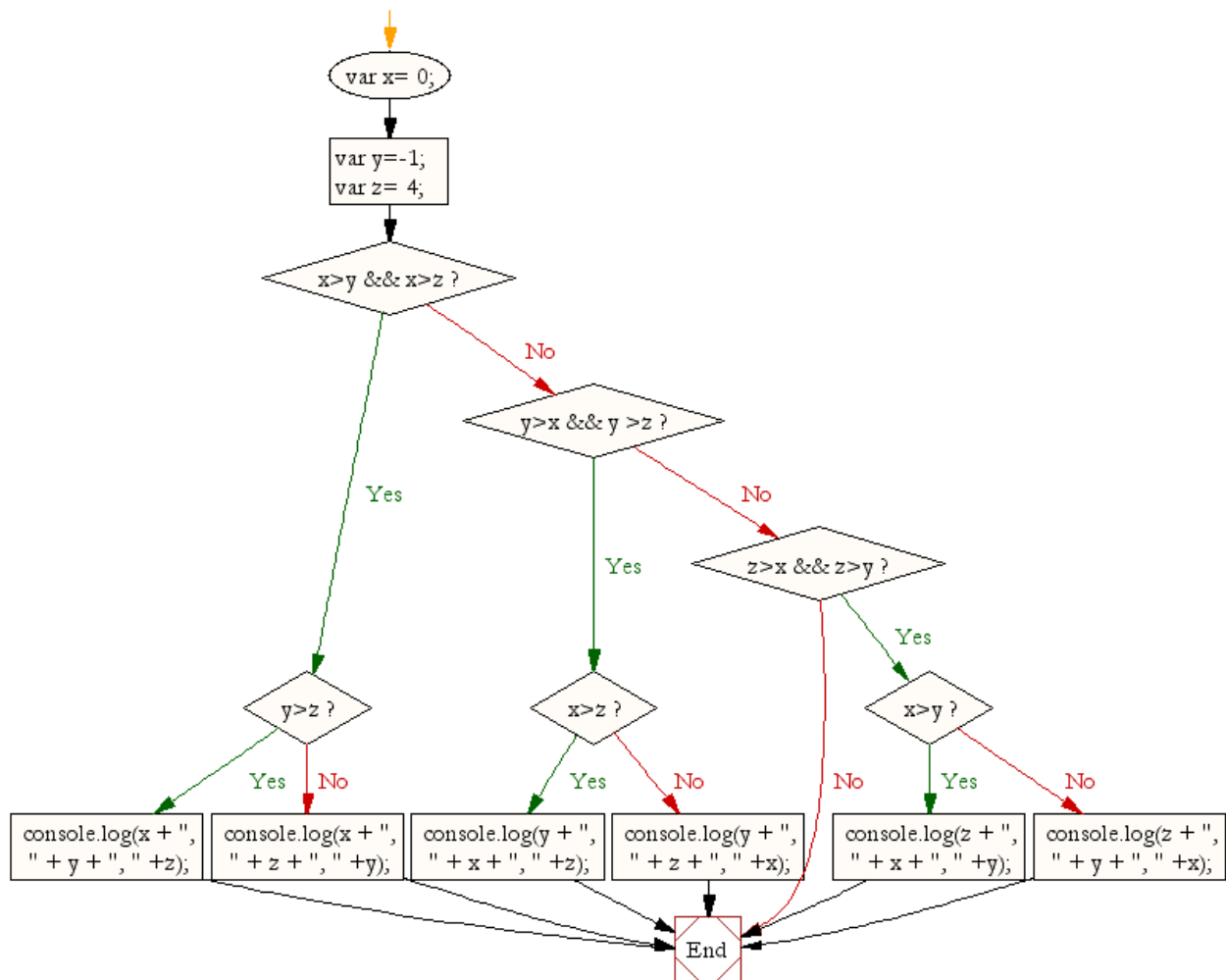


- Test it in console
- Get the name in browser and report it in the document

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

Sample numbers: 3, -7, 2

Output : -7, 2, 3



a) Test it in console

b) Get the name in browser and report it in the document

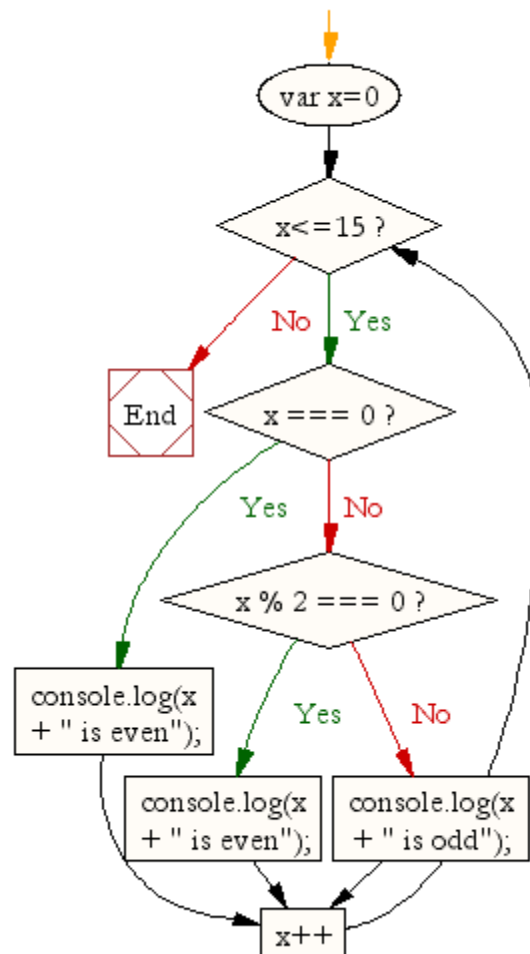
9. Write a JavaScript for loop that will iterate from 0 to 15. For each iteration, it will check if the current number is odd or even, and display a message to the screen.

Sample Output:

"0 is even"

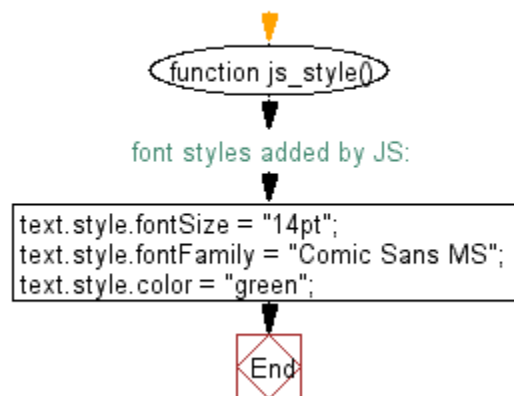
"1 is odd"

"2 is even"

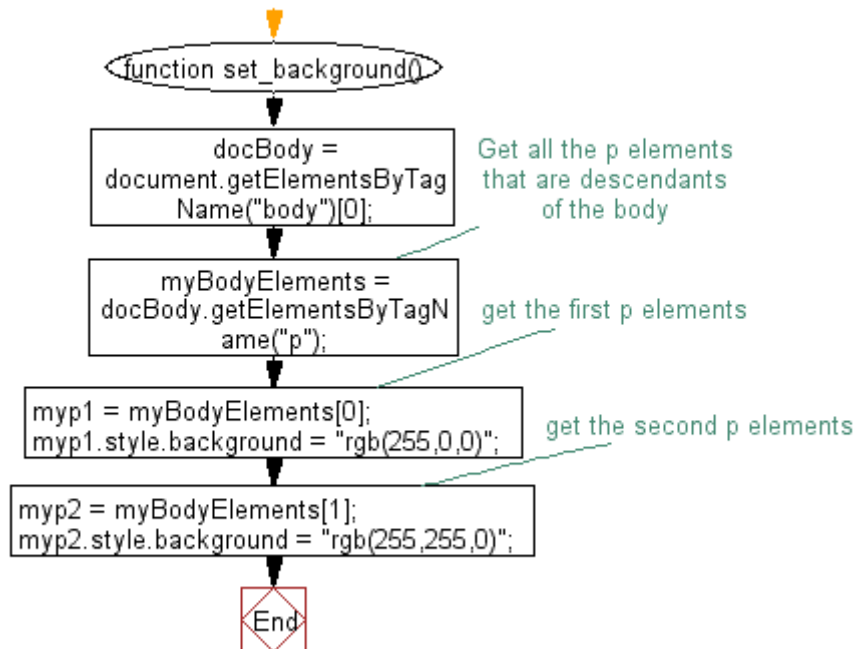


10. Here is a sample html file with a submit button. Now modify the style of the paragraph text through javascript code.

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <title>JS DOM paragraph style</title>
  </head>
  <body>
    <p id="text">JavaScript Exercises - w3resource</p>
    <div>
      <button id="jsstyle" onclick="js_style()">Style</button>
    </div>
  </body>
</html>
```



11. Write a JavaScript program to set the background color of a paragraph.

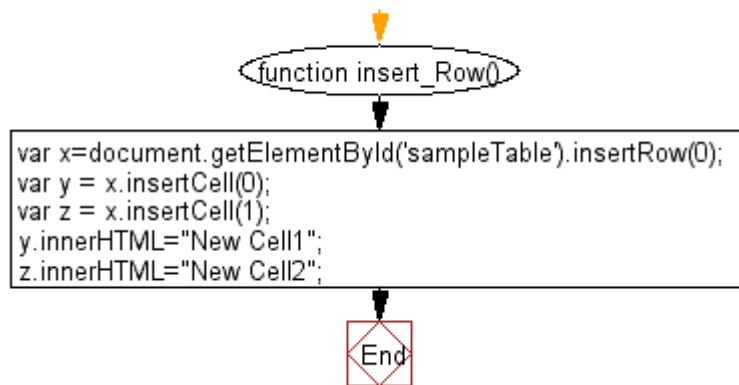


12. Write a JavaScript function to add rows to a table.

Sample Output:

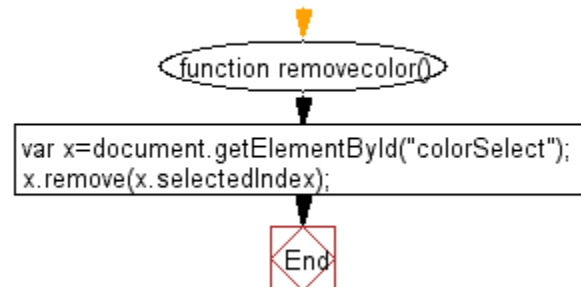
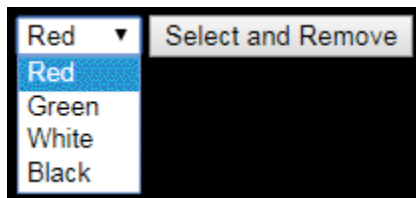
Row1 cell1	Row1 cell2
Row2 cell1	Row2 cell2

Insert row



13. Write a JavaScript program to remove items from a dropdown list.

Sample Output:



14. Write a JavaScript program to calculate the volume of a sphere.

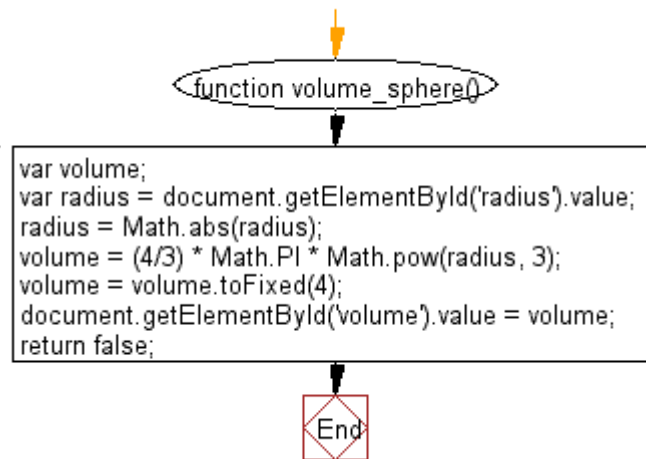
Sample Output of the form :

Input radius value and get the volume of a sphere.

Radius

Volume

Calculate



15. Write a JavaScript program to get the width and height of the window (any time the window is resized).

