# Tech Weeks

# Day 7 Task Sheet

**Instructions**

1. The task sheet contains the necessary resources and the assignment for the day.
2. You are given **24hrs.** to submit the assignment on the Google Classroom.
3. You must upload the **.html files** and the **screenshots of the final output on browser** you have developed, on the Google Classroom.
4. These files are to be uploaded in .zip
5. You must implement the assignment in such a way that all the requirements specified are met.
6. Read the assignment problem statement thoroughly and then start implementing it.

## Learning:

1. What is JavaScript - <https://youtu.be/upDLs1sn7g4>
2. Arrays - <https://youtu.be/oigfaZ5ApsM>
3. Function - <https://youtu.be/N8ap4k_1QEQ>
4. String - <https://youtu.be/09BwruU4kiY>
5. If else - <https://youtu.be/IsG4Xd6LlsM>
6. Loops - <https://youtu.be/s9wW2PpJsmQ>
7. Factory function - <https://youtu.be/jpegXpQpb3o>
8. Constructor function - <https://youtu.be/23AOrSN-wmI>
9. Let vs var vs const - <https://youtu.be/XgSjoHgy3Rk>
10. Map - <https://youtu.be/G3BS3sh3D8Q>

## Assignment:

# Create a for loop that iterates up to 100 while outputting "fizz" at multiples of 3, "buzz" at multiples of 5 and "fizzbuzz" at multiples of 3 and 5. (OUTPUT should be in console )

# An integer number greater than 1 is called a prime if it cannot be divided without a remainder by anything except 1 and itself. In other words, n > 1 is a prime if it can’t be evenly divided by anything except 1 and n. For example, 5 is a prime, because it cannot be divided without a remainder by 2, 3 and 4.

# Write the code

# which outputs prime numbers in the interval from 2 to n.

# For n = 10 the result will be 2,3,5,7.

# P.S. The code should work for any n, not be hard tuned for any fixed value

# Take a number from a user and write a function which checks whether the number is even or odd.

# Assign the result to a variable and log that variable in the console.

# Example Input: 23 Output: The number entered is 23 and Number is odd