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1. Write a short program that prints each number from 1 to 100 on a new line.

- For each multiple of 3, print "Fizz" instead of the number.
- For each multiple of 5, print "Buzz" instead of the number.

For numbers which are multiples of both 3 and 5, print "FizzBuzz" instead of the number.

```
for (let i = 1; i <= 100; i++) {  
  if (i % 3 === 0 && i % 5 === 0) {  
    console.log("FizzBuzz");  
  }  
  else if (i % 3 === 0) {  
    console.log("Fizz");  
  }  
  else if (i % 5 === 0) {  
    console.log("Buzz");  
  }  
  else {  
    console.log(i);  
  }  
}
```

2. Consider this array: Students= ['Kamna', 'Karunesh', 'Vishal', 'Ankit', 'Karan'] and perform the given operation on this:

- a) Find the length of the given array (students)
- b) Insert (–) after each element.
- c) Replace Komal with 'Abhishek' using splice method
- d) Check if 'Karan' is present in the array.
- e) Return the position of Abhishek from the array.
- f) Insert 'Aayush' at index 0 and 'Aman' at the last

g) Remove 'Aayush' from index 0 and 'Aman' from last
Return String Karunesh, Abhishek, Kartik from array student

```
// 2. Consider this array: Students= ['Kamna', 'Karunesh', 'Vishal', 'Ankit',  
'Karan'] and perform the given operation on this:  
// a) Find the length of the given array (students)  
// b) Insert (-) after each element.  
// c) Replace Komal with 'Abhishek' using splice method  
// d) Check if 'Karan' is present in the array.  
// e) Return the position of Abhishek from the array.  
// f) Insert 'Aayush' at index 0 and 'Aman' at the last  
// g) Remove 'Aayush' from index 0 and 'Aman' from last  
// h) Return String Karunesh, Abhishek, Kartik from array student
```

```
let students = ["Kamna", 'Karunesh', 'Vishal', 'Ankit', 'Karan'];
```

```
// Insert (-) after each element.
```

```
let hyphen = "";
```

```
for(let i =0; i<students.length;i++){  
    hyphen = hyphen + students[i] + "-";  
}
```

```
console.log(hyphen);
```

```
// Replace Komal with 'Abhishek' using splice method
```

```
students.splice(0,1,"Abhishek");
```

```
console.log(students);
```

```
// Check if 'Karan' is present in the array.
```

```
let isPresent = students.includes("Karan");
```

```
console.log(isPresent);
```

```
// Return the position of Abhishek from the array.
```

```
let index = students.indexOf("Abhishek");
```

```
console.log(index);
```

```
// Insert 'Aayush' at index 0 and 'Aman' at the last
```

```
students.unshift("Aayush");
```

```
students.push('Aman');
```

```
console.log(students);
```

```
// Remove 'Aayush' from index 0 and 'Aman' from last
```

```
students.shift();
```

```
students.pop();
```

```
console.log(students);

// Return String Karunesh, Abhishek, Kartik from array student

for(let i = 0; i<students.length;i++){
    if(students[i] == "Karunesh" || students[i] == "Abhishek" || students[i] ==
"Kartik"){
        console.log(students[i]);
    }
}
```