ASSIGNMENT 3 JAVASCRIPT

ARRAYS

1. Write a JavaScript code to add an element to the end of an array using the Push method.
   Example: [1, 2, 3] -> [1, 2, 3, 4]

   Code: //to add an element using push method (end of array)
   ```
   var arr1=[1,2,3];
   arr1.push(4);
   console.log(arr1)
   ```

   Output: [1, 2, 3, 4]

2. Write a JavaScript code to remove the last element from an array using the Pop method.
   Example: [1, 2, 3, 4] -> [1, 2, 3]

   Code : //to remove elements from array using pop method
   ```
   var arr1=[1,2,3,4]
   arr1.pop();
   console.log(arr1)
   ```

   Output: [1, 2, 3]

3. Write a JavaScript code to add an element to the beginning of an array using the Unshift method.
   Example: [2, 3, 4] -> [1, 2, 3, 4]

   Code : //to add elememt beginning of an array using unshift
   ```
   var arr1=[2,3,4]
   arr1.unshift(1);
   console.log(arr1)
   ```

   Output: [1, 2, 3, 4]

4. Write a JavaScript code to remove the first element from an array using the Shift method.

   Example: [1, 2, 3, 4] -> [2, 3, 4]

   Code : //to remove first element from array using shift method
   ```
   var arr1=[1,2,3,4]
   arr1.shift(0);
   console.log(arr1)
   ```

   Output : [2, 3, 4]

5. Write a JavaScript code to convert an array into a string using the Join method.

Example: [1, 2, 3] -> "123"

Code: //to convert an array into a string using join method
```
var arr1=[1,2,3]
console.log(arr1.join(''));
```

Output: 123

6. What will be the output of [1, 2, 3, 4].pop()?

Code : //output using .pop()
```
var arr1=[1,2,3,4];
arr1.pop();
console.log(arr1)
```

Output: [1, 2, 3]

7. What will be the output of [1, 2, 3].push(4)?

Code : //output using .push()
```
var arr1=[1,2,3];
arr1.push(4);
console.log(arr1)
```

Output: [1, 2, 3, 4]

8. What will be the output of [1, 2, 3, 4].shift()?

Code : //output using .shift()
```
var arr1=[1,2,3,4];
arr1.shift();
console.log(arr1)
```

Output: [2, 3, 4]

9. What will be the output of [2, 3, 4].unshift(1)?

Code : //output using .unshift()
```
var arr1=[2,3,4];
arr1.unshift(1);
console.log(arr1)
```

Output: [1, 2, 3, 4]

10. What will be the output of [1, 2, 3].join("")?

Code: //output using .join("")
```
var arr1=[1,2,3];
console.log(arr1.join(""))
```

Output: 123