

Activity06 In-Class Variables Array

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Name

Task 0: Input :

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Run Task

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Variables

Task 1: Create a variable **let** named **x** and assign it the value 10. Output **x** in the console log.

```
let x = 10; console.log(x);
```

Run Task

Check the console log for the output.

Task 2: Create a variable **var** named **num** and assign it the integer value input. Output **num** in the console log.

```
var num = parseInt(prompt("Enter an integer:")); console.log(num);
```

Run Task

Check the console log for the output.

Task 3: Create a variable named **anything** and assign it the string value input. Output **str** in the console log.

```
var anything = prompt("Enter a string:"); console.log(anything);
```

Run Task

Check the console log for the output.

Task 4: Create a constant **const** named **constNum** and assign it the integer value input. Try modifying **constNum** to trigger an error.

```
const constNum = parseInt(prompt("Enter an integer:")); console.log("Original value of constNum: ", constNum);
```

Run Task

Error: A constant cannot be modified

Array

Task 5: Given **myArray** array :

Add one item to the **end** of the array **myArray** e.g., "apple".

```
myArray.push("apple"); console.log(myArray);
```

Run Task

Check the console log for the output.

Task 6: Given **myArray** array :

Add one item to the **end** of the array **myArray** e.g., "banana".

```
myArray.push("banana"); console.log
```

Run Task

Check the console log for the output.

Task 7: Given `myArray` array :

Add one item to the **beginning** of the array `myArray` e.g., `"watermelon"`.

```
myArray.unshift("watermelon"); console.log(myArray);
```

Run Task

Check the console log for the output.

Task 8: Given `myArray` array :

Add the item `"AMES"` to the **second** position of `myArray`.

```
myArray.splice(1, 0, "AMES"); console.log(myArray);
```

Run Task

Check the console log for the output.

Task 9: Given `myArray` array :

Find one item in the array `myArray` e.g., `"banana"`.

```
let itemToFind = "banana"; let index = myArray.indexOf(itemToFind); console.log(index);
```

Run Task

Check the console log for the output.

Task 10: Given `myArray` array :

Remove the last item from `myArray`.

```
let removedItem = myArray.pop(); console.log(myArray); console.log(removedItem);
```

Run Task

Check the console log for the output.

Task 11: Given `myArray` array :

Remove the first item from `myArray`.

```
let removedItem = myArray.shift(); console.log(myArray); console.log(removedItem);
```

Run Task

Check the console log for the output.