Activity06 In-Class Variables Array

September 13th, 2024

Name

Task 0: Input :

```
Gabe
```

```
gabek964@iastate.edu
```

Run Task

Gabe, gabek964@iastate.edu

Variables

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

```
let x =10;
```

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 =0;
```

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.

```
anything = str;
```

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 = 10;
```

```
Enter different value here, blank to pass test
```

Run Task

Check the console log for the output.

Array

Task 5: Given `myArray` array :

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

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

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");
```

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");
```

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");
```

Run Task

Check the console log for the output.

Task 9: Given `myArray` array :

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

```
myArray.indexOf("banana");
```

Run Task

Check the console log for the output.

Task 10: Given `myArray` array :

Remove the **last** item from `myArray`.

```
myArray.pop();
```

Run Task

Check the console log for the output.

Task 11: Given `myArray` array :

Remove the **first** item from `myArray`.

```
myArray.shift();
```

Run Task

Check the console log for the output.