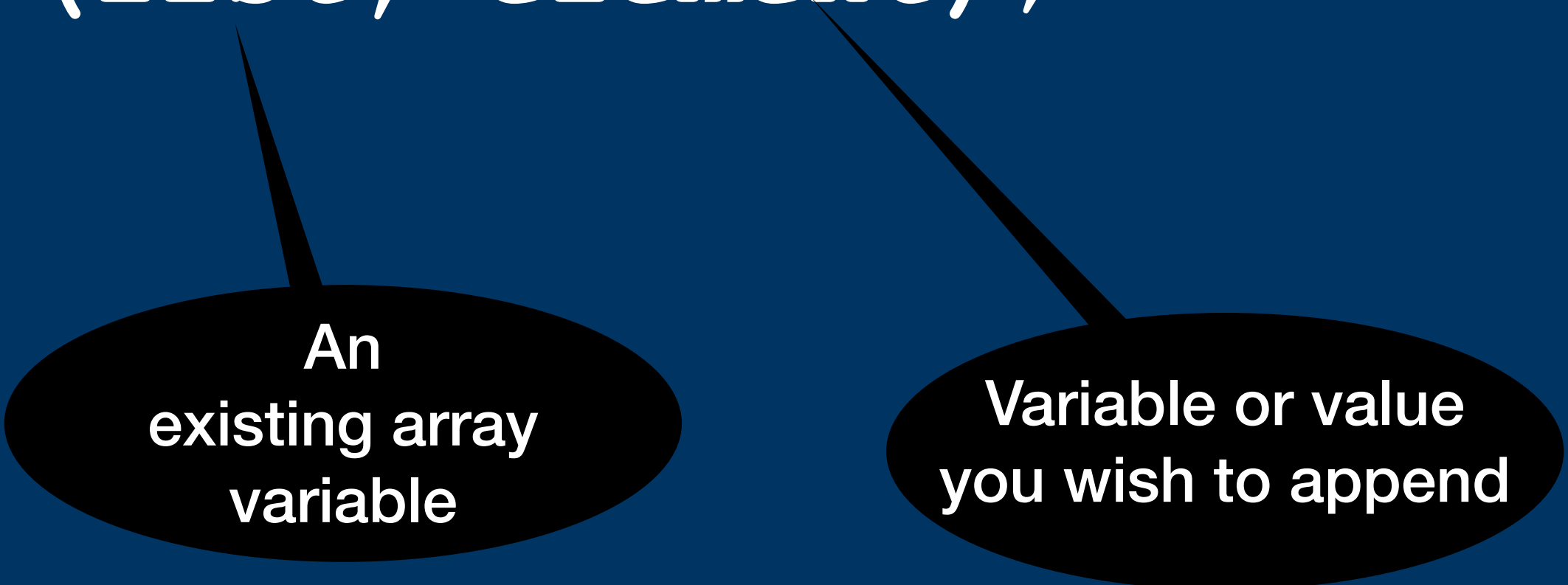# Manipulating Arrays

Part 1: Appending Elements and Converting to String

Appending Elements

- To "append" means to "add on to the end".
- The App Lab function to accomplish this is `appendItem`.
- Here is the syntax of a call to the `appendItem` function:

```
appendItem (list, element);
```

An
existing array
variable

Variable or value
you wish to append

Appending Elements

```
1: var myList = [34, 88];
2: appendItem (myList, 7);
3: var x = 22;
4: appendItem (myList, x);
```

34	88

34	88	7

34	88	7	22

Converting to String

- Recall that a string is a collection of characters, words, phrases, sentences, etc., i.e., it's TEXT!
- The Javascript function to convert an array to a string is `join`.
- Here is the syntax of a call to the `join` function:

```
list.join ()
```

An existing array variable

Converting to String

```
1: var myList = [34, 88, 104];
2: var x = myList.join ();
3: var y = myList.join (";");
4: var z = myList.join ("\n");
```

"34,88,104"
x

"34;88;104"
y

"34
88
104"
z

Defaults to comma if no separator is supplied