

## Collections Working with JavaScript Arrays

```
var myEgg = eggs[1];
```

```
var eggs = [ , , , ,  ]
```



```
eggs.length; 5
```

```
> var guestList = ["Angela", "Jack", "Pam", "James", "Lara", "Jason"];
console.log(guestList);
console.log(guestList.length);
console.log(guestList[0]);
```

```
▶ (6) ['Angela', 'Jack', 'Pam', 'James', 'Lara', 'Jason']
```

6

Angela

< undefined

>

```
var guestList = ["Angela", "Jack", "Pam", "James", "Lara", "Jason"];
```

```
console.log(guestList);
```

```
console.log(guestList.length);
```

```
console.log(guestList[0]);
```

```
> var guestList = ["Angela", "Jack", "Pam", "James", "Lara", "Jason"];
  console.log(guestList);
  console.log(guestList.length);
  console.log(guestList[0]);
```

```
//Let's include more data
```

```
var guestName = prompt("What is your name?");
guestList.includes(guestName);
```

```
▶ (6) ['Angela', 'Jack', 'Pam', 'James', 'Lara', 'Jason']
```

```
6
```

```
Angela
```

```
< false
```

```
> |
```

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Elements Console Sources Network  
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[Intervention] Slow network is detected. See  
chrome://resources/roboto/roboto-regular.wo

```
> var guestList = ["Angela", "Jack", "Pam", "James", "Lara", "Jason"];
  console.log(guestList);
  console.log(guestList.length);
  console.log(guestList[0]);
```

```
//Let's include more data
```

```
var guestName = prompt("What is your name?");
if(guestList.includes(guestName)){
  alert("Welcome!");
}
else{
  alert("Sorry, may be next time.");
}
```

```
▶ (6) ['Angela', 'Jack', 'Pam', 'James', 'Lara', 'Jason']
```

```
6
```

```
Angela
```

```
>
```

chrome://new-tab-page says

Sorry, may be next time.

OK

```
var guestList = ["Angela", "Jack", "Pam", "James", "Lara", "Jason"];
```

```
console.log(guestList);
```

```
console.log(guestList.length);
```

```
console.log(guestList[0]);
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```
//Let's include more data
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```
var guestName = prompt("What is your name?");
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```
if(guestList.includes(guestName)){  
    alert("Welcome!");  
}  
else{  
    alert("Sorry, may be next time.");  
}
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