








Сорока-Белобока кашу варила,
Деток кормила:
- Этому дала, - Этому дала,



`querySelectorAll()` → [, ]

NodeList

[, ].forEach();

```
>> document.querySelectorAll('button');
```

```
← ▾ NodeList(3) [ button#red, button#blue, button#green ]
```

```
  ▶ 0: <button id="red">
```

```
  ▶ 1: <button id="blue">
```

```
  ▶ 2: <button id="green">
```

```
    length: 3
```

```
  ▶ <prototype>: NodeListPrototype { item: item(), keys: keys(), values: values(), ... }
```

```
document.querySelectorAll('button').forEach(function(button) {
```

```
  button.onclick = function() {
```

```
    document.querySelector('#hello').style.color =
```

```
    button.dataset.color;
```

```
  }; });
```

Red Blue Green

```
<script>
  When the page is done loading
  document.addEventListener('DOMContentLoaded', function() {
    I'm going to document.querySelectorAll,
    looking for all of the buttons
    document.querySelectorAll('.color-change').forEach(
      function(button) {
        looked for things of the particular class
        button.onclick = function() {
          document.querySelector('#hello').style.color = button.dataset.color;
        };
      });
  });
</script>
```

HTML

```
<button class="color-change" data-color="red">Red</button>
<button class="color-change" data-color="blue">Blue</button>
<button class="color-change" data-color="green">Green</button>
```

```
<button class="color-change"
data-color="red">Red</button>
```

function that takes as input, the button

It's first going to pass in as input the first button then the second button then the third button

```
function(button) {
  button.onclick = function() {
```

```
document.querySelector('#hello').
style.color =
  button.dataset.color;
};
```

```
<head>
<script>
  document.addEventListener('DOMContentLoaded', () => {
    document.querySelector('#color-change').onchange = function() {
      document.querySelector('#hello').style.color = this.value;
    };
  });
</script>
</head>
<body>
  <h1 id="hello">Hello!</h1>
  <select id="color-change">
    <option value="red">Red</option>
    <option value="blue">Blue</option>
    <option value="green">Green</option>
  </select>
</body>
```



```
function() {...}
```

```
function(but) {
  but.onclick =
    function() {...}
}
```

```
() => {...}
```

```
but => {
  but.onclick =
    () => {...}
}
```