

WHILE LOOPS

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AFTER THIS PRESENTATION

- You'll be able to create while loops
- You'll be able to create do ... while loops

WE WILL LOOK AT

while

do...while

LOOPS

- A loop repeats some code again and again
- Here we will look at:
 - while
 - do…while

WHILE LOOPS

A while loop is the simplest loop

```
while (condition) {
   ...code goes here...
};
```

 Each time the loop content is executed we call it an iteration

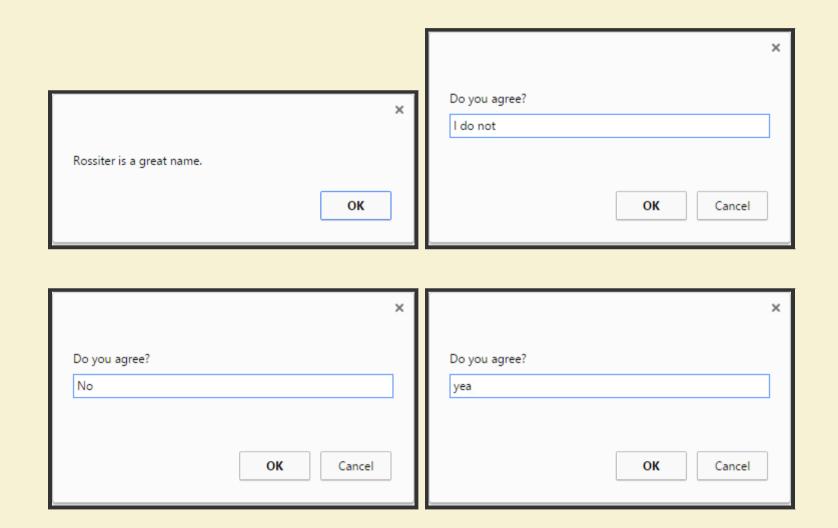
INDEXOF()

- string.indexOf("text")
 gives you the location of the first "text" in the string
- For example:

```
var text = "The cat's hat was wet";
result = text.indexOf("at");
```

• result will be 5

```
<!doctype html>
<html><head>
    <title>Example of while()</title>
    <script>
        var response, finished;
        finished=false;
        alert("Rossiter is a great name.");
        while (!finished) {
            response=prompt("Do you agree?");
            if (response.indexOf("y") ==0)
                finished=true;
    </script>
</head></html>
```



DO ... WHILE LOOPS

• do ... while is an 'upside-down' version of while

```
do {
    ...code goes here ...
} while (condition);
```

A do ... while loop will be executed at least once

```
<!doctype html>
<html><head>
    <title>Example of do .. while()</title>
    <script>
        var response, finished;
        finished=false;
        alert("Rossiter is a great name.");
        do {
            response=prompt("Do you agree?");
            if (response.indexOf("y") ==0)
                finished=true;
        } while (!finished);
    </script>
</head></html>
```