

# More on Input

Widgets, Variable, Text

```
setText(▼ "ans", "The answer is "+m+" meters.");
```

“widgetname”

“text”

variable

“text”

```
setText( "ans", "The answer is "+m+" meters." );
```

“widgetname”

“text”

variable

“text”

Do widget  
names have  
quotes around  
them?

```
setText(▼ "ans", "The answer is "+m+" meters.");
```

“widgetname”

“text”

variable

“text”

Do variables  
names have  
quotes around  
them?

```
setText(▼ "ans", "The answer is "+m+" meters.");
```

“widgetname”

“text”

variable

“text”

Does text have  
quotes around  
it?

Where  
are the  
quotes?

Around  
widget  
names?

Around  
text?

Around  
variables?

```
var words = "A spaceship is a vehicle used for ";
words += verb + " people between Earth and the outer ";
words += noun + ". A journey usually takes " + num;
words += " years and can cover " + num2 + " miles."
setText("story", words);
```

variable      "text"

widgetname      variable

```
setText(▽ "answer", "The average is " + avg);
```

What is the widget name?

What is the variable name?

What is the text that appears?

```
setText(▽ "count", c);
```

```
setText(▽ "label1", "Bonjour!");
```

## Count Me In!

Click on the + button to add items.  
Click on the - button to remove items.

O



Reset

```
1 var x = 0;
2
3 onEvent("add", "click", function(event) {
4     x = x + 1;
5     setText("display", x);
6 });
7
8 onEvent("subtract", "click", function(event) {
9     x = x - 1;
10    setText("display", x);
11});
```

What line number declares the variable?

## Count Me In!

Click on the + button to add items.  
Click on the - button to remove items.

O



Reset

```
1 var x = 0;
2
3 onEvent("add", "click", function(event) {
4     x = x + 1;
5     setText("display", x);
6 });
7
8 onEvent("subtract", "click", function(event) {
9     x = x - 1;
10    setText("display", x);
11});
```

Why doesn't  
var appear on  
line #4?

# Count Me In!

Click on the + button to add items.  
Click on the - button to remove items.

O



Reset

```
1 var x = 0;
2
3 onEvent("add", "click", function(event) {
4     x = x + 1;
5     setText("display", x);
6 }
7
8 onEvent("subtract", "click", function(event) {
9     x = x - 1;
10    setText("display", x);
11 })
```

Why doesn't  
var appear on  
line #9?

## Count Me In!

Click on the + button to add items.  
Click on the - button to remove items.

O

+

-

Reset

```
1 var x = 0;
2
3 onEvent("add", "click", function(event) {
4     x = x + 1;
5     setText("display", x);
6 }
7
8 onEvent("subtract", "click", function(event) {
9     x = x - 1;
10    setText("display", x);
11 }
12
13 setText("display", "x");
```

What would happen if you put quotes around x?

Assume these variable declarations:

```
var m = "Mimi";  
var a = 4;
```

What would this print on the screen?

```
setText("display", m);  
setText("display", m+m);
```

Assume these variable declarations:

```
var m = "Mimi";  
var a = 4;
```

What would this print on the screen?

```
setText("display", m);  
setText("display", m+m);
```

Mimi

MimiMimi

Assume these variable declarations:

```
var m = "Mimi";  
var a = 4;
```

What would this print on the screen?

```
setText(▼ "display", "Her name is "+m);  
setText(▼ "display", "Her name is"+m);
```

Assume these variable declarations:

```
var m = "Mimi";  
var a = 4;
```

Spaces  
matter in  
text!

What would this print on the screen?

Her name is Mimi

```
setText(▼ "display", "Her name is "+m);
```

```
setText(▼ "display", "Her name is"+m);
```

Her name isMimi

Assume these variable declarations:

```
var m = "Mimi";  
var a = 4;
```

What would this print on the screen?

```
setText("display", m+a);  
setText("display", m+"a");  
setText("display", "m"+a);
```

Assume these variable declarations:

```
var m = "Mimi";  
var a = 4;
```

Quotations  
matter in  
output!

What would this print on the screen?

```
setText("display", m+a);  
setText("display", m+"a");  
setText("display", "m"+a);
```

Mimi4

Mimia

m4