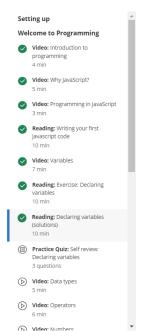
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Programming with JavaScript > Week 1 > Declaring variables (solutions)

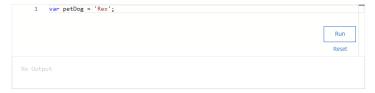


Declaring variables (solutions)

Here are the solutions to the previous exercise, which was to practice declaring variables.

Please note: The solutions presented here use single quotes and double quotes interchangeably to delimit pieces of text. This is done on purpose to illustrate that both ways of representing text are possible and acceptable so that you

Task 1 solution to: Declare a new variable named petDog and give it the name Rex.



Task 2 solution to: Declare a new variable named petCat and give it the name Pepper.

```
var petCat = 'Pepper';
```

Task 3 solution to: Console log the petDog variable.

```
var petDog = 'Rex'; // Task 1 solution
console.log(petDog);
                                                                                                                          Run
```

Task 4 solution to: Console log the petCat variable.

```
var petCat = 'Pepper'; // Task 2 solution
console.log(petCat);
                                                                                  Run
```

Task 5 solution to: Console.log the string "My pet dog's name is: " and the petDog variable.

```
var petDog = 'Rex'; // Task 1 solution
console.log("My pet dog's name is: " +
                                                                                                                                                           Run
```

Please note that in this specific example, because the text in line 2 contains a single quote within it, you should use double quotes to surround the whole piece of text. Otherwise, JavaScript will return an error. We will cover this issue in more detail later.

Task 6 solution to: Console.log the string "My pet cat's name is: " and the petCat variable.

```
var petCat = 'Pepper'; // Task 2 solution
console.log("My pet cat's name is: " + petCat);
                                                                                                                                                     Run
```

Please note that in this specific example, because the text in line 2 contains a single quote within it, you should use double quotes to surround the whole piece of text. Otherwise, JavaScript will return an error. We will cover this issue in more detail later.

Task 7 solution to: Declare another variable and name it catSound. Assign the string of "purr" to it.

```
var catSound = "purr";
                                                                           Run
```

Task 8 solution to: Declare another variable and name it dogsound. Assign the string of "woof" to it.

```
var dogSound = "woof";
```



Task 9 solution to: Console.log the variable \mathtt{petDog} , then the string "says", then the variable $\mathtt{dogSound}$.

```
1 var petDog = 'Rex'; // Task 1 solution
2 var dogSound = "woof"; // Task 8 solution
3 console.log(petDog, "says", dogSound);

Run
Reset
```

Task 10 solution to: Console.log the variable petCat, then the string "says", then the variable catSound.

Task 11 solution to: Reassign the value stored in catSound to the string "meow".

```
1 var catSound = "purr"; // Task 7 solution
2 catSound = "meow";

Run

Reset
```

Task 12 solution to: Console.log the variable \mathtt{petCat} , then the string "now says", then the variable $\mathtt{catSound}$.



