

Quiz

A short quiz to test your understanding of constructor functions in OOP in JavaScript.

1

All objects created from a constructor function contain all the properties in it?

2

Point out the error in the code below:

```
function Shape(name, sides) {  
  name: name  
  sides: sides  
}  
var square = new Shape('Square', 4)
```

3

Code in the constructor function executes every time a new object is instantiated.

4

`this` refers to the new object created and is used to set its property values.

5

What will be the result of the following code?

```
function Shape(name, sides){  
  this.name = name  
  this.sides = sides  
}  
  
Shape.length = 4  
var shape1 = new Shape('Square', 4)  
console.log("Length is:", shape1.length)
```

6

Properties/methods added to the prototype object of the constructor function cannot be inherited by the objects created from it.

7

Declaring properties using the `var` keyword makes them accessible outside the constructor function.

