

A Deeper Understanding of JavaScript Objects

Bell Boy 1

alert("Hello, my name is " +
bellBoy1Name)

```
var bellBoy1Name = "Timmy";  
var bellBoy1Age = 19;  
var bellBoy1HasWorkPermit = true;  
var bellBoy1Languages = [  
  "French",  
  "English"  
]
```



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Properties	bellBoy1	bellBoy2	bellBoy3
name	"Timmy"	"Jimmy"	"Bitty"
age	19	21	18
hasWorkPermit	TRUE	FALSE	TRUE
languages	["French", "English"]	["English", "German"]	["English"]



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```
var houseKeeper1 = {  
  yearsOfExperience : 12,  
  name: "Jane",  
  cleaningRepoertoire: ["bathroom", "lobby", "bedroom"]  
}  
houseKeeper1;
```

```
> var houseKeeper1 = {  
  yearsOfExperience : 12,  
  name: "Jane",  
  cleaningRepoertoire: ["bathroom", "lobby", "bedroom"]  
}  
houseKeeper1;  
{ yearsOfExperience: 12, name: 'Jane', cleaningRepoertoire: Array(3) }  
  cleaningRepoertoire: (3) ['bathroom', 'lobby', 'bedroom']  
  name: "Jane"  
  yearsOfExperience: 12  
  [[Prototype]]: Object  
> |
```

```
> var houseKeeper1 = {  
  yearsOfExperience : 12,  
  name: "Jane",  
  cleaningRepoertoire: ["bathroom", "lobby", "bedroom"]  
}  
houseKeeper1;  
{ yearsOfExperience: 12, name: 'Jane', cleaningRepoertoire: Array(3) }  
  cleaningRepoertoire: (3) ['bathroom', 'lobby', 'bedroom']  
  name: "Jane"  
  yearsOfExperience: 12  
  [[Prototype]]: Object  
> console.log(houseKeeper1.name);  
Jane  
< undefined  
> console.log(houseKeeper1.cleaningRepoertoire);  
(3) ['bathroom', 'Lobby', 'bedroom']  
  0: "bathroom"  
  1: "lobby"  
  2: "bedroom"  
  length: 3  
  [[Prototype]]: Array(0)  
< undefined  
>
```

```
var bellBoy2 = {  
  name: "Timothy",  
  age: 19,  
  hasWorkPermit: true,  
  languages: ["French",  
    "English"]  
}  
var bellBoy3 = {  
  name: "Timothy",  
  age: 19,  
  hasWorkPermit: true,  
  languages: ["French",  
    "English"]  
}
```



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Constructor Function

```
function BellBoy (name, age, hasWorkPermit, languages) {  
  this.name = name;  
  this.age = age;  
  this.hasWorkPermit = hasWorkPermit;  
  this.languages = languages;  
}
```



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```
var bellBoy1 = {  
    name: "Timmy",  
    age: 19,  
    hasWorkPermit: true,  
    languages: ["French", "English"]  
}
```



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Initialise Object

```
var bellBoy1 = new BellBoy("Timmy", 19, true, ["French", "English"]);  
var bellBoy1 = new BellBoy("Jimmy", 21, false, ["English", "German"]);
```

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//Initialize Variables

```
var houseKeeper1 = {  
  yearsOfExperience : 12,  
  name: "Jane",  
  cleaningRepertoire: ["bathroom", "lobby", "bedroom"]  
}
```

//Create Function

```
function HouseKeeper(yearsOfExperience, name, cleaningRepertoire){  
  this.yearsOfExperience = yearsOfExperience;  
  this.name = name;  
  this.cleaningRepertoire = cleaningRepertoire;  
}
```

//Create objects

```
var houseKeeper1 = new houseKeeper1(20, "Tom", ["lobby", "bedroom"]);
```