

## Konstruktorius

```
function Circle (radius) {
  this.radius = radius;
  this.area = function () {
    return Math.PI * this.radius * this.radius;
  };
  this.perimeter = function () {
    return 2*Math.PI*this.radius;
  };
};

var ratas = new Circle (18);
console.log(ratas.area());
```

## Objektas ir masyvas

```
var bob = {
  firstName: "Bob",
  lastName: "Jones",
  phoneNumber: "(650) 777-7777",
  email: "bob.jones@example.com"
};

var mary = {};
mary.firstName= "Mary";
mary.lastName= "Johnson";
mary.phoneNumber= "(650) 888 - 8888";
mary.email= "mary.johnson@example.com";

contacts = [bob, mary];
console.log(contacts[1].phoneNumber);
```

## Paprastas objektas ir konstruktorius

```
var james = {
  job:"programmer",
  married:false
};

function Person(job, married) {
  this.job = job;
  this.married = married;
}

var gabby = new Person("student",true);
```

## Cash register

```
function StaffMember(name,discoutPercent){
  this.name = name;
  this.discountPercent = discoutPercent;
}

var sally = new StaffMember("Sally",5);
var bob = new StaffMember("Bob",10);
var me = new StaffMember("Me",20);

// Create yourself again as 'me' with a staff discount of 20%

var cashRegister = {
  total:0,
  lastTransactionAmount: 0,
  add: function(itemCost){
    this.total += (itemCost || 0);
    this.lastTransactionAmount = itemCost;
  },
  scan: function(item,quantity){
    switch (item){
      case "eggs": this.add(0.98 * quantity); break;
      case "milk": this.add(1.23 * quantity); break;
      case "magazine": this.add(4.99 * quantity); break;
      case "chocolate": this.add(0.45 * quantity); break;
    }
    return true;
  },
  voidLastTransaction : function(){
    this.total -= this.lastTransactionAmount;
    this.lastTransactionAmount = 0;
  },
  applyStaffDiscount: function(employee) {
    this.total -= this.total * (employee.discountPercent / 100);
  }
}

// Create a new method applyStaffDiscount here

};

cashRegister.scan('eggs',1);
cashRegister.scan('milk',1);
cashRegister.scan('magazine',3);
// Apply your staff discount by passing the 'me' object
// to applyStaffDiscount
cashRegister.applyStaffDiscount(me);

// Show the total bill
console.log("Your bill is "+cashRegister.total.toFixed(2));
```