<!DOCTYPE html>

<html>

<body>

<script>

document.writeln("Polymorphism using prototype");

document.writeln("<br>");

document.writeln("<br>");

function A() {}

A.prototype.display = function() {

return "Welcome to JavaScript";

}

function B() {

}

B.prototype = Object.create(A.prototype);

var a = [new A(), new B()]

a.forEach(function(msg) {

document.writeln(msg.display() + "<br>");

});

document.writeln("<br>");

document.writeln("<br>");

document.writeln("Inheritance using prototype");

document.writeln("<br>");

document.writeln("<br>");

//Constructor function

function Bike(company) {

this.company = company;

}

Bike.prototype.getCompany = function() {

return this.company;

}

//Another constructor function

function Vehicle(name, price) {

this.name = name;

this.price = price;

}

var bike = new Bike("Honda");

Vehicle.prototype = bike; //Now Bike treats as a parent of Vehicle.

var vehicle = new Vehicle("Shine", 80000);

document.writeln(vehicle.getCompany() + " " + vehicle.name + " " + vehicle.price);

</script>

</body>

</html>

