1. function sLength()

{

 var x=document.ex.first.value;

document.write("the string length is "+ x.length);

 }

1. function genList()

{

document.write("<ul>");

for (var i=1; i <= 10; i++)

{

document.write("<li> item" + i + "</li>");

}

document.write("</ul>");

}

</script>

1. function changeBgColor(){

var bodycolor = document.form1.b1.value;

document.getElementById("bdy").style.backgroundColor = bodycolor;

}

1. <html>

<head>

<title>Question I-3</title>

<script language="JavaScript">

function question9()

{

var a = prompt("Give me an \"a\"","");

var af = parseFloat(a);

var b = prompt("Give me an \"b\"","");

var bf = parseFloat(b);

var c = prompt("Give me an \"c\"","");

var cf = parseFloat(c);

var d = prompt("Give me an \"d\"","");

var df = parseFloat(d);

if (af>=bf&&cf<=df) {

alert("true")

}

else {

alert("false")

}

}

</script>

</head>

<body>

<form>

<input type="button" value="determine conditional"

onclick="question9()">

</form>

</body>

</html>

1. a) <script type="text/javascript">

var mypets = new Array();

mypets[0] = "dog";

mypets[1] = "cat";

mypets[2] = "goldfish";

for (i=0;i<mypets.length;i++)

{

document.write(mypets[i] + "<br />");

}

</script>

1. var mypets = new Array();

mypets[0] = "dog";

mypets[1] = "cat";

mypets[2] = "goldfish";

var mynewpets = new Array();

<html>

<body>

<script type="text/javascript">

var mypets = new Array();

mypets[0] = "dog";

mypets[1] = "cat";

mypets[2] = "goldfish";

var mynewpets = new Array();

mynewpets[0] = "turtle";

mynewpets[1] = "gerbil";

mypets = mypets.concat(mynewpets)

for (i=0;i<mypets.length;i++)

{

document.write(mypets[i] + "<br />");

}

</script>

</body>

</html>