

Array Exercises

Q1)<html>

<body>

<script>

var cars = [“ ”]

var cars= new Array[“ ”]

document.getElementById("demo").innerHTML = cars;

</script>

</body>

</html>

Q2)

<html>

<body>

<p id="demo1"></p>

<p id="demo2"></p>

<script>

var points = [40, 100, 1, 5, 25, 10];

document.getElementById("demo1").innerHTML = myArrayMax(points);function

myArrayMax(arr) {

return Math.max.apply(null, arr);

}

document.getElementById("demo2").innerHTML = myArrayMin(points);function myArrayMin(arr)

{

return Math.min.apply(null, arr);

}

</script>

</body>

</html>

Q3)

<html>

<body>

<p id="demo1"></p>

<p id="demo2"></p>

<p id="demo3"></p>

<script>

var fruits = ["Apple", "Strawberry", "Orange", "Woodapple", "Mango"];

```
var three = fruits[3];
document.getElementById("demo1").innerHTML = three;
document.getElementById("demo2").innerHTML = fruits.length;
fruits.reverse();
document.getElementById("demo3").innerHTML = fruits;
</script>
```

```
</body>
```

```
</html>
```

Q4)

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
function sortNumber(a, b) {
```

```
    return a - b;
```

```
}
```

```
var numArray = [ 4, 1, 8, 3, 9, 12];
```

```
numArray.sort(sortNumber);
```

```
document.getElementById("demo").innerHTML = numArray;
```

```
</script>
```

```
</body>
```

```
</html>
```

Q5)

```
<html>
```

```
<body>
```

```
<p id="demo1"></p>
```

```
<p id="demo2"></p>
```

```
<p id="demo3"></p>
```

```
<script>
```

```
var foods = ["rice", "pizza", "sandwich", "rolls"];
```

```
foods.pop();
```

```
document.getElementById("demo1").innerHTML = foods;
```

```
foods.push("cake");
```

```
document.getElementById("demo2").innerHTML = foods;
```

```
foods.shift("rice");
```

```
document.getElementById("demo3").innerHTML = foods;  
</script>
```

```
</body>  
</html>
```

Q6)

```
<html>  
<body>  
<p id="demo1"></p>  
<p id="demo2"></p>  
<script>  
var fruits = [ "Apple"];
```

```
    fruits.unshift("Pineapple","Lemon");  
    document.getElementById("demo1").innerHTML = fruits;  
    fruits.push("orange","peach");  
    document.getElementById("demo2").innerHTML = fruits;
```

```
</script>
```

```
</body>  
</html>
```

Switch exercises

Q7)

```
<html>  
<head>  
</head>  
<body>  
  <p id = "demo"> </p>  
  <p id = "demo1"> </p>  
  <p id = "demo2"> </p>  
<script>  
var month;  
switch (5) {  
  case 1:
```

```
        month = "January";
        break;
case 2:
    month = "February";
    break;
case 3:
    month = "March";
    break;
case 4:
    month = "April";
    break;
case 5:
    month = "May";
    break;
case 6:
    month = "June";
    break;
case 7:
    month = "July";
case 8:
    month = "August";
case 9:
    month = "September";
case 10:
    month = "October";
case 11:
    month = "November";
case 12:
    month = "December";
}
document.getElementById("demo2").innerHTML=month;</script>
</body>
</html>
```