BAB XVII
FUNCTION DAN ARRAY

FUNCTIONS

```
function functionname(var1,var2,...,varX)
{
some code
}
```

Latihan 1.

```
<SCRIPT language="Javascript">
<!--
var a = 12;
var b = 4;
function PerkalianDengan2(b) {
var a = b * 2;
return a;
}
document.write("Dua kali dari ",b," adalah "
,PerkalianDengan2(b),"<br>");
document.write("Nilai dari a adalah ",a);
// -->
</SCRIPT>
```

Latihan 2.

```
<html>
<head>
<script type="text/javascript">
function product(a,b)
{
return a*b;
}
</script>
</head>

<body>
<script type="text/javascript">
document.write(product(4,3));
</script>

</body>
</html>
```

Array

Array dapat didefinisikan sebagai berikut :

```
q  var myCars=new Array(); // regular array (add an
   optional integer
   myCars[0]="Saab";        // argument to control
   array's size)
   myCars[1]="Volvo";
   myCars[2]="BMW";

q  var myCars=new Array("Saab","Volvo","BMW"); //
   condensed array

q  var myCars=["Saab","Volvo","BMW"]; // literal array
```

Latihan 3.

```
<html>
<head><title>Contoh Array</title></head>
<body>
<script type="text/javascript">
<!--
var myArray = new Array();

myArray[0] = "Football";
myArray[1] = "Baseball";
myArray[2] = "Cricket";

document.write(myArray[0] + myArray[1] + myArray[2]);
//-->
</script>
</body>
</html>
```

Latihan 4.

```
<html>
<body onLoad="window.defaultStatus='selamat belajar
java script'">
<script language="JavaScript" type="text/javascript">
function convertToCentigrade(degFahren)
{
var degCent;
degCent = 5/9 * (degFahren - 32);
return degCent;
```

```
}
var degFahren = new Array(212, 32, -459.15);
var degCent = new Array();
var loopCounter;
for (loopCounter = 0; loopCounter <= 2; loopCounter++)
{
degCent[loopCounter] =
convertToCentigrade(degFahren[loopCounter]);
}
for (loopCounter = 2; loopCounter >= 0; loopCounter--)
{
document.write("Value " + loopCounter + " was " +
degFahren[loopCounter] +
" degrees Fahrenheit");
document.write(" which is " + degCent[loopCounter] +
" degrees centigrade<br>");
}
</script>
</body>
</html>
```

Latihan 5

```
<html>
<body>
<script type="text/javascript">
var parents = ["Jani", "Tove"];
var children = ["Cecilie", "Lone"];
var family = parents.concat(children);
document.write(family);

</script>

</body>
</html>
```

Latihan 6

```
<html>
<body>

<script type="text/javascript">
var parents = ["Jani", "Tove"];
var brothers = ["Stale", "Kai Jim", "Borge"];
var children = ["Cecilie", "Lone"];
var family = parents.concat(brothers, children);
document.write(family);
</script>
</body>
```

```
</html>
```