

Mata Kuliah

PEMROGRAMAN WEB [JAVA SCRIPT]



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- ✓ **METHOD IN JAVASCRIPT**
- ✓ **CONTROL STRUCTURES**
 - **Conditional Statements**
 - **Looping Control**



METHOD



1. Method alert

Used to display a dialog or message box containing the ok button and a caption.

File Name : **exercise3.html**

```
1 <HTML>
2 <HEAD>
3 <TITLE>Method and Control Structures</TITLE>
4 </HEAD>
5 <BODY>
6 <!-- Method -->
7 <SCRIPT LANGUAGE = "JavaScript">
8 //alert
9 window.alert("Welcome To JS WEB");
10 </SCRIPT>
11 </BODY>
12 </HTML>
```



METHOD



2. Method confirm

Almost the same as alerts, confirm if it has 2 choices Ok button (is true) and Cancel (is false)

At the **exercise3.html** file, add the following script :

```
//confirm  
confirm("Are You Sure To Continue ??");
```

3. Method Promt

Have a better functioning of the method and confirm alerts

1. capable of storing values into memory.
2. have the default text of the field that we will fill.

At the **exercise3.html** file, add the following script :

```
//Promt  
var name = prompt("What Is Your Name?","Please Type Your Name");  
document.write("Hai, " + name);  
document.write("<br> Welcome To My Website");  
document.write("<br> <br>");
```



CONTROL STRUCTURES[CONDITIONAL STATEMENTS]



- perform a function / process if the value of condition is true
- Syntax :

```
if(condition)  
{  
    Code execute if condition true  
}
```

- Example : make simple program If the female gender then she is a candidate for mother.



CONTROL STRUCTURES[CONDITIONAL STATEMENTS]



At the **exercise3.html** file, add the following script :

```
<!--Control Structures-->
//Conditonal Statements
document.write("<h1><u>Conditonal Statements</u></h1>");
var x="female";
if(x=="female")
{
    document.write("The Gender is female, She is candidate mother");
}
```



CONTROL STRUCTURES[CONDITIONAL STATEMENTS]



used if the conditions amounted to two conditions

```
if (condition)
{
code to be executed if condition is true
}
else
{
code to be executed if condition is not true
}
```

Make the simple program use if..else.

if she was a woman he candidate mother if he is man the candidate fathers



CONTROL STRUCTURES[CONDITIONAL STATEMENTS]



```
<!--Control Structures-->
//Conditonal Statements
document.write("<h1><u>Conditonal Statements</u></h1>");
var x="male";
if(x=="female")
{
    document.write("The Gender is female, She is candidate mother");
}
else
{
    document.write("The Gender is Male, He is candidate Father");
}
```

- Change value var x with “male”
- Add the following script (else {...})
- Running script



CONTROL STRUCTURES[CONDITIONAL STATEMENTS]



used for if the conditions of more than two conditions

```
if (condition1)
{
    code to be executed if
    condition1 is true
}
else if (condition2)
{
    code to be executed if
    condition2 is true
}
else
{
    code to be executed if
    condition1 and condition2
    are not true
}
```

Make simple program :

if he is a man then his was the father, and if she is a mother her was mother, if not both then not a candidate father and mother



TASK



Data salary employee in the company's own salary as follows:

1. If the faction is group A then base salary and child support for 4000000 and 20% of salary
2. If the faction is group B then base salary and child support for 4000000 and 10% of salary
3. If the faction is group C then the basic salary and child support for 3000000 and 1000000.

calculate the total salary of the employee with the following details:
total salary = salary + benefits children

Attention:

create a program to calculate salary, child support, and total employee salaries if the group(Golongan) entered through a function or method prompt



~ TERIMA KASIH ~