

```

1 function validasi_form() {
    if (document.getElementById("nama").value == "") {
        alert("Nama harus diisi");
        return false;
    }

    if (document.getElementById("email").value == "") {
        alert("Email harus diisi");
        return false;
    }

    if (document.getElementById("password").value == "") {
        alert("Password harus diisi");
        return false;
    }

    if (document.getElementById("konfirmasi_password").value == "") {
        alert("Password tidak sama");
        return false;
    }

    if (document.getElementById("sub_bidang").value == "none") {
        alert("Sub bidang harus dipilih");
        return false;
    }
}

```

```

var jadwal = document.forms["form-web-club"]["jadwal[]"];
var n = 0;
for (var i = 0; i < jadwal.length; i++) {
    if (jadwal[i].checked) {
        n = n + 1;
    }
}

if (n != 2) {
    alert("Pilih 2 jadwal");
    return false;
}

```

```
function getSubBidang() {
```

```
    var bid = document.getElementById('bidang').value;
```

```
    if (bid == "design") {
```

```
        document.getElementById('sub-bidang').innerHTML =
```

```
        "<option value='none'> -- Pilih Sub Bidang -- </option>" +
```

```
        "<option value='html'> HTML </option>" +
```

```
        "<option value='css'> CSS </option>" +
```

```
        "<option value='js'> Javascript </option>";
```

```
    }
```

```
    if (bid == "program") {
```

```
        document.getElementById('sub-bidang').innerHTML =
```

```
        "<option value='none'> -- Pilih Sub Bidang -- </option>" +
```

```
        "<option value='php'> PHP </option>" +
```

```
        "<option value='ajax'> Ajax </option>" +
```

```
        "<option value='ws'> Web Service </option>";
```

```
    }
```

Tambahan HTML

```
<input type="radio" name="bidang" value="design" onchange="getSubBidang()">Web Design
```

```
<input type="radio" name="bidang" value="program" onchange="getSubBidang()">Web Programming
```



2 get\_kategori.php (melengkapi)

```
<select id="kategori">
```

```
<?php
```

```
require_once('db_login.php'); // db_login.php untuk menghubungkan ke database
```

```
$query = "SELECT * FROM kategori";
```

```
$result = $db->query($query);
```

```
if (!$result) {
```

```
die("Couldn't connect to database" . $db->error); }
```

```
while ($item = $result->fetch_object()) {
```

```
echo "<option value=" . $item->idkategori . ">" . $item->nama . "</option>";
```

```
}
```

```
$result->free();
```

```
$db->close();
```

```
?>
```

```
</select>
```

js/ajax.js

```
function get_detail() {
```

```
var xmlhttp = new XMLHttpRequest();
```

```
var id = encodeURIComponent(document.getElementById("kategori").value);
```

```
if (id != "") {
```

```
var inner = "detail";
```

```
xmlhttp.open("GET", "get-detail.php?id=" + id, true);
```

```
xmlhttp.onreadystatechange = function() {
```

```
if ((xmlhttp.readyState == 4) && (xmlhttp.status == 200)) {
```

```
document.getElementById(inner).innerHTML = xmlhttp.responseText;
```

```
}
```

```
return false;
```

```
} xmlhttp.send(null);
```

```
}
```

```
}
```

get\_detail.php

```
<?php require_once('db_login.php');
```

```
$id = $_GET['kategori'];
```

```
$query = "SELECT * , subkategori.nama as namasub FROM produk INNER JOIN  
sub_kategori ON sub_kategori.idsub_kategori = produk.idsub_kategori WHERE  
kategori.idkategori = " . $id ;
```

```
$result = $db->query($query);
```

```
if (!$result) {
```

```
die('Couldn't connect to database: " . $db->error());
```

```
?>
```

```
<table>
```

```
<tr>
```

```
<td> Sub Kategori </td>
```

```
<td> Nama Produk </td>
```

```
<td> Harga </td>
```

```
</tr>
```

```
<?php
```

```
while ($row = $result->fetch_object()) {
```

```
?>
```

```
<tr>
```

```
<td>
```

```
<?php echo $row->namasub ?> </td>
```

```
<td>
```

```
<?php echo $row->nama ?> </td>
```

```
<td>
```

```
<?php echo $row->harga ?> </td>
```

```
</tr>
```

```
</table>
```

```
<?php
```

```
$result->free();
```

```
$db->close();
```

```
?>
```

### 3) SOAP

Karakteristik:

- protokol berbasis XML
- memungkinkan pertukaran informasi melalui HTTP

Elemen:

- envelope
- header
- body
- fault

### RESTful Web Service

Karakteristik:

- menggunakan architectural style
- menggunakan HTTP sebagai alat transportasi
- mengidentifikasi segala macam resources
- client-server
- stateless
- cached

Elemen:

Tidak memiliki elemen khusus

Nb. Jawaban belum tentu benar