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Tugas Dasar Komputasi 12

exploreJS:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Explore Javascript</title>
  <style>
    body{
      background: #3498db;
      font-family: sans-serif;
    }
    .data{
      padding: 1em;
      margin: 2em auto;
      width: 17em;
      background: rgb(0, 0, 0);
      border-radius: 5px;
    }
    label{
      font-size: 10pt;
      color: rgb(255, 255, 255);
    }
    input[type = "text"], textarea{
      padding: 8px;
      width: 95%;
      background: #fff;
      border: 0;
      font-size: 6px;
      margin: 10px 0px;
    }
    .tombol{
      background: lightblue;
      color: #fff;
      border: 0;
      padding: 5px;
    }
  </style>

```

```

/* Jam dan Tanggal */
.jam_digital{
    overflow: hidden;
    width: 330px;
    margin: 20px auto;
    border: 5px solid black;
    background: blueviolet;
}
.kotak{
    float: left;
    width: 110px;
    height: 100px;
}
.jam_digital{
    color: black;
    font-size: 36px;
    text-align: center;
    margin-top: 20px;
}
</style>
</head>
<body>
<h1 align=center>==== Form Validasi Javascript ====</h1>
<div class="data">
    <form action="#" method="post" onsubmit="validasi()">
        <div>
            <label for="nama_lengkap">Nama Lengkap</label>
            <input type="text" name="nama" id="nama">
        </div>
        <div>
            <label for="alamat">Alamat</label>
            <textarea name="alamat" id="alamat" cols="40"
rows="5"></textarea>
        </div>
        <div>
            <input type="submit" class="tombol">
        </div>
    </form>
</div>
<h1 align=center>==== Tanggal dan Jam Digital ====</h1>
<p align = center id="tanggal"></p>
<div class="jam_digital">
    <div class="kotak">
        <p id="jam"></p>
    </div>

```

```

<div class="kotak">
    <p id="menit"></p>
</div>
<div class="kotak">
    <p id="detik"></p>
</div>
</div>
<script type="text/javascript">
    function validasi(){
        var nama = document.getElementById("nama").value;
        var alamat = document.getElementById("alamat").value;
        console.log(nama);
    }
    // console.log(nama);
    var a1 = "Anda harus mengisi data ";
    if(nama == ""){
        a1 = a1 + "nama, ";
        // a1 = anda harus mengisi data nama
        console.log("Tidak ada nama");
    }
    if(alamat == ""){
        a1 = a1 + "alamat, ";
        // a1 = anda harus mengisi data nama, alamat
        console.log("Tidak ada alamat");
    }
    if(a1 == "Anda harus mengisi data"){
        console.log("Data anda lengkap");
        alert("Data anda lengkap")
    }
    else{
        alert(a1);
    }
    var tgl = new Date();
    document.getElementById("tanggal").innerHTML = "Waktu akses " + tgl;
    window.setTimeout("waktu()", 1000);
    function waktu(){
        var waktu = new Date();
        setTimeout("waktu()", 1000);
        document.getElementById("jam").innerHTML = waktu.getHours();
        document.getElementById("menit").innerHTML = waktu.getMinutes();
        document.getElementById("detik").innerHTML = waktu.getSeconds();
    }
    // mengubah warna css per detik
    var i=0;
    function change(){

```

```

        var classJamDigital = document.getElementsByClassName("jam_digital");
        var color = ["Salmon", "Tomato", "Peru"];
        classJamDigital[0].style.backgroundColor = color[i];
        i = (i+1)%color.length;
    }
    setInterval(change,1000)
</script>
</body>
</html>

```

calculator:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Calculator</title>
    <script type="text/javascript">
        function fAdd(){
            var a = document.forms["kalkulator"]["fnilaiB"].value;
            var b = document.forms["kalkulator"]["fnilaiB"].value;
            var c = Number(a) + Number(b);
            document.getElementById("hasil").innerHTML=c;
        }
    </script>
    <style>
        .kotak1{
            padding: 15px 0px;
            margin: 0px 350px;
            border-radius: 10px;
        }
        .hasil{
            padding: 15px 0px;
            margin: 20px 350px;
            border-radius: 10px;
            background-color: darkblue;
            color: white;
        }
    </style>
</head>
<body align=center>
    <div style="background-color: cadetblue;" class="kotak1">
        <form name="kalkulator">

```

```
        <div>
            <label for="nilaiA">Nilai 1</label>
            <input type="number" id="nilaiA" name="fnilaiA">
        </div>
        <div>
            <label for="nilaiB">Nilai 2</label>
            <input type="number" id="nilaiB" name="fnilaiB">
        </div>
        <br>
        <div>
            <input type="button" value="+" onclick="fAdd()">
        </div>
    </form>
</div>
<div class="hasil">
    <div>
        <div>Hasil</div>
        <div id="hasil"></div>
    </div>
</div>
</body>
</html>
```