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Kelas : Y5E

Matkul : Pemrograman Web Dasar

Tugas : Pertemuan 15

## Source:

```
<!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>JavaScript Interaktif</title>
</head>
<body>
   <script>
        const hitung = (pId) => {
            if(pId == "determinan"){
                let validation = /^[0-9]+$/; // saya pakai regex untuk validasi
inputan
                if(!validation.test(a.value) && !validation.test(b.value) &&
!validation.test(c.value)){
                    alert("Harap isi semua form dibawah dengan benar");
                }else{
                    let determinan = b.value*b.value - 4*a.value*c.value;
                    if(determinan < 0){</pre>
                        result.value = "Result : Determinan negatif - Dibawah
Garis Kurva";
                        //alert("Result : Determinan negatif - Dibawah Garis
                    }else if(determinan == 0){
                        result.value = "Result : Determinan nol - Garis lurus";
                        //alert("Result : Determinan nol - Garis lurus");
                    }else{
                        result.value = "Result : Determinan positif - Di Garis
Kurva";
                        //alert("Result : Determinan positif - Di Garis Kurva");
            }else{
```

```
let validation = /^[0-9]+$/; // saya pakai regex untuk validasi
inputan
                if(!validation.test(harga.value) &&
!validation.test(jBeli.value)){
                    alert("Harap isi semua form dibawah dengan benar");
                }else{
                    getValue();
                    let result = jBeli.value * harga.value;
                    result = jBeli.value < 10 ? result+5000 : result * 0.5;</pre>
                    result = `Rp. ${result}`;
                    total.value = result;
        const getValue = () =>{
            let value = document.getElementsByName('semen')
                let jenis = null;
                for(i = 0; i < value.length; i++) {</pre>
                    if(value[i].checked)
                        jenis = value[i].value;
                if(jenis == "Tiga Roda"){
                    harga.value = 40000;
                    harga.readOnly = true;
                }else if(jenis == "Gersik"){
                    harga.value = 60000;
                    harga.readOnly = true;
                }else if(jenis == "Holcim"){
                    harga.value = 50000;
                    harga.readOnly = true;
                }else if(jenis=="other"){
                    harga.readOnly = false;
                }
    </script>
    <div>
        <h1>Form 1 Determinan</h1>
        <div>
            <form >
                <label for="a">Masukkan Nilai B: </label>
```

```
<input type="text" name="b" id="b"><br><br>
                 <label for="b">Masukkan Nilai A: </label>
                 <input type="text" name="a" id="a"><br><br><</pre>
                 <label for="c">Masukkan Nilai C: </label>
                 <input type="text" name="c" id="c"><br><br><</pre>
                 <input id="determinan" type="submit" value="Submit"</pre>
onclick="hitung(this.id)">
                <label >Result : </label>
                 <input type="text" readonly id ="result">
            </form>
        </div>
    </div>
    <br>
    <hr/>
    <div>
        <h1>Form 2 Semen</h1>
        <div>
            <form>
                <div>
                     Masukkan Merek Semen: 
                     <input type="radio" id="tigaRoda" name="semen" value="Tiga</pre>
Roda" onchange="getValue()">
                    <label for="tigaRoda">Tiga Roda</label>
                     <input type="radio" id="css" name="semen" value="Gersik"</pre>
onchange="getValue()">
                     <label for="gersik">Gersik</label>
                     <input type="radio" id="holcim" name="semen" value="Holcim"</pre>
onchange="getValue()">
                     <label for="holcim">Holcim</label>
                     <input type="radio" id="other" name="semen"</pre>
onchange="getValue()">
                     <input type="text" id="inpOther" placeholder="Other" >
                 </div><br>
                <label for="b">Harga Semen per sak : </label>
                 <input type="text" name="a" id="harga" placeholder="0"><br><br>
                <label for="c">Jumlah pembelian sak: </label>
                <input type="text" name="c" id="jBeli" placeholder="0"><br><br>
                 <input id="semen" type="submit" value="Submit"</pre>
onclick="hitung(this.id)">
                <label >Result : </label>
                 <input type="text" readonly id ="total">
            </form>
        </div>
    </div>
</body>
```

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Picture:

## Form 1 Determinan

Masukkan Nilai B:	
Masukkan Nilai A:	
Masukkan Nilai C:	
Submit Result:	

## Form 2 Semen

Masukkan Merek Semen:

Masakkan Merek Semen.
○ Tiga Roda ○ Gersik ○ Holcim ○ Other
Harga Semen per sak : 0
Jumlah pembelian sak: 0
Submit Result: