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Kelas : Y5E  
Matkul : Pemrograman Web Dasar  
Tugas : Pertemuan 15

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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){
            result.value = "Result : Determinan negatif - Dibawah
Garis Kurva";
            //alert("Result : Determinan negatif - Dibawah Garis
Kurva");
          }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;
            result = `Rp. ${result}`;
            total.value = result;
            //alert(result);
        }
    }
}

const getValue = () =>{
    let value = document.getElementsByName('semen')
    let jenis = null;
    for(i = 0; i < value.length; i++) {
        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>
        <label for="c">Masukkan Nilai C: </label>
        <input type="text" name="c" id="c"><br><br>
        <input id="determinan" type="submit" value="Submit"
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>
                <p>Masukkan Merek Semen: </p>
                <input type="radio" id="tigaRoda" name="semen" value="Tiga
Roda" onchange="getValue()">
                <label for="tigaRoda">Tiga Roda</label>
                <input type="radio" id="css" name="semen" value="Gersik"
onchange="getValue()">
                <label for="gersik">Gersik</label>
                <input type="radio" id="holcim" name="semen" value="Holcim"
onchange="getValue()">
                <label for="holcim">Holcim</label>
                <input type="radio" id="other" name="semen"
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"
onclick="hitung(this.id)">
            <label >Result : </label>
            <input type="text" readonly id ="total">
        </form>
    </div>
</div>
</body>

```

```
</html>
```

Picture :

## Form 1 Determinan

Masukkan Nilai B:

Masukkan Nilai A:

Masukkan Nilai C:

Result :

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## Form 2 Semen

Masukkan Merek Semen:

☐ Tiga Roda ☐ Gersik ☐ Holcim ☐

Harga Semen per sak :

Jumlah pembelian sak:

Result :