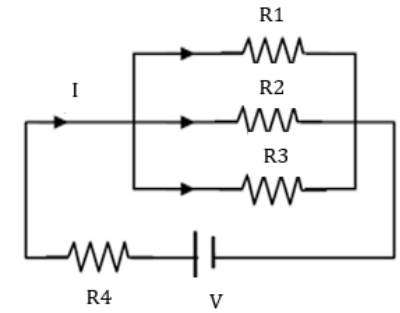


Latihan pertemuan ke 3

Buat program untuk menghitung nilai tagangan V yang ada di dalam rangkain di bawah ini, jika diketahui nilai $R1$, $R2$, $R3$, $R4$ dan I .

Rumus : $V = I \times R_{total}$



```
1 import java.util.Scanner;
2
3 public class Latihan {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6
7         float V, I, R1, R2, R3, R4, Rp, Rtotal;
8
9         System.out.print(s:"Input R1: ");
10        R1=sc.nextInt();
11        System.out.print(s:"Input R2: ");
12        R2=sc.nextInt();
13        System.out.print(s:"Input R3: ");
14        R3=sc.nextInt();
15        Rp = (1 / R1) + (1 / R2) + (1 / R3);
16
17        System.out.print(s:"Input R4: ");
18        R4=sc.nextInt();
19        Rtotal = Rp + R4;
20        System.out.println("Rtotal = " + Rtotal);
21
22        System.out.print(s:"Input I: ");
23        I=sc.nextInt();
24        V = I * Rtotal;
25        System.out.print("V = " + V);
26    }
27
28
29
30
31
32 }
```

PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\RIDHO\Documents\PrakDasproJobsheet3> & 'C:\Program Files\Java\jdk-20\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\RIDHO\AppData\Roaming\Code\User\workspaceStorage\47b0639b5013c64727a6877c1a501bc9\redhat.java\jdt_ws\PrakDasproJobsheet3_89d6db3d\bin' 'Latihan'
Input R1: 2
Input R2: 4
Input R3: 8
Input R4: 16
Rtotal = 16.875
Input I: 32
V = 540.0
PS C:\Users\RIDHO\Documents\PrakDasproJobsheet3>
```