```java
package week3.jobsheet;

import java.util.Scanner;

public class fisika {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        double r1, r2, r3, r4, I;
        double v;

        System.out.print("masukan r1 : ");
        r1 = sc.nextInt();
        System.out.print("masukan r2 : ");

        r2 = sc.nextInt();
        System.out.print("masukan r3 : ");
        r3 = sc.nextInt();
        System.out.print("masukan r4 : ");
        r4 = sc.nextInt();

        double rp = 1/ (1/r1 + 1/r2 + 1/r3 );
        System.out.println("Rangkain pararel : " + rp);

        System.out.print("masukan I : ");
        I = sc.nextInt();

        v = I * (rp + r4 );
        System.out.println("V : " + v);


    }
}
```

```
masukan r1 : 6
masukan r2 : 2
masukan r3 : 3
masukan r4 : 10
Rangkain pararel : 1.0
masukan I : 10
V : 110.0
```


$R_1 : 6$

$R_2 : 2$

$R_3 : 3$

$I = 10$

R_4

$R_p = \dfrac{1}{\dfrac{1}{R_1} + \dfrac{1}{R_2} + \dfrac{1}{R_3}}$

$R_p = \dfrac{1}{\dfrac{1}{6} + \dfrac{1}{2} + \dfrac{1}{3}}$

$= 1$

$R_{tot} = 10 + 1$

$= 11$

$V = I \cdot R_{tot}$

$V = 10 \cdot 11$

$= 110$