Razif Al Farisi

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IF Prak B

Tugas Pekan 3

Flowchart :

Start

inisialisasi r, t, dan V

Inisialisasi π=3,14

r

t

V = π*r*r*t*1/3

V

End
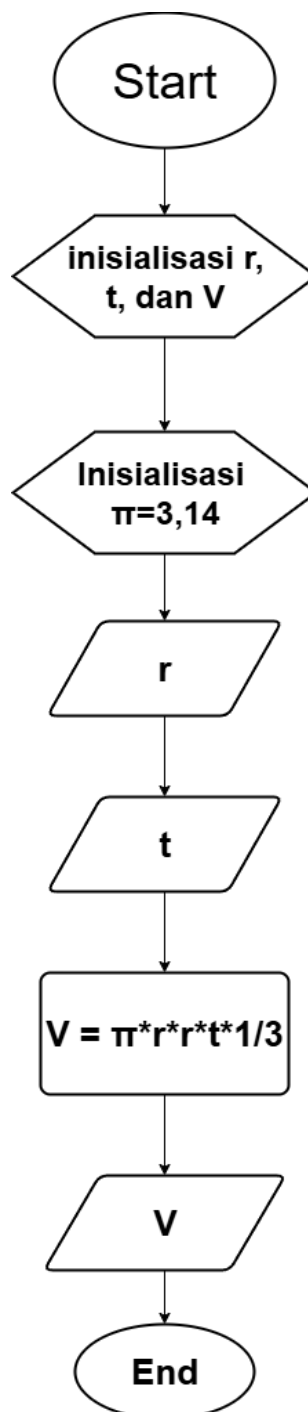
Pseudocode :

Judul :

Program "Menghitung Volume Kerucut"

Deklarasi :

    r = integer   //jari-jari

    t = integer   //tinggi

    π   ⟵ =float 3,14f

    V=float //Volume Kerucut

Algoritma :

    Print "Menghitung Volume Kerucut"

    Print "Masukkan Jari-Jari Kerucut = "

    Input r

    Print "Masukkan Tinggi Kerucut = "

    Input t

    Hitung ⟵ V π*r*r*t*1/3

    Print "Volume Kerucut = "

    Output V

Source Code :

```java
 1  package pekan3;
 2
 3  import java.util.Scanner;
 4
 5  public class hitungvolume {
 6
 7      public static void main(String[] args) {
 8          int r;
 9          int t;
10          float π = 3.14f;
11          float V;
12          Scanner keyboard = new Scanner(System.in);
13          System.out.println("====Menghitung Volume Kerucut====");
14          System.out.print("Masukkan Jari-Jari Kerucut = ");
15          r = keyboard.nextInt();
16          System.out.print("Masukkan Tinggi Tabung = ");
17          t = keyboard.nextInt();
18          keyboard.close();
19          V = π*r*r*t*1/3;
20          System.out.print("Volume Kerucut = " + V);
21
22      }
23
24  }
```

Hasil :

```
====Menghitung Volume Kerucut====
Masukkan Jari-Jari Kerucut = 7
Masukkan Tinggi Tabung = 9
Volume Kerucut = 461.58005
```