Muhammad Hans Nafis

2511532027

Praktikum Algoritma dan Pemograman

Tugas Pekan 3

Flowchart

start

Inisialisasi r, t, volume

input r,t

V = 3.14 * r * r * t

output volume

finish
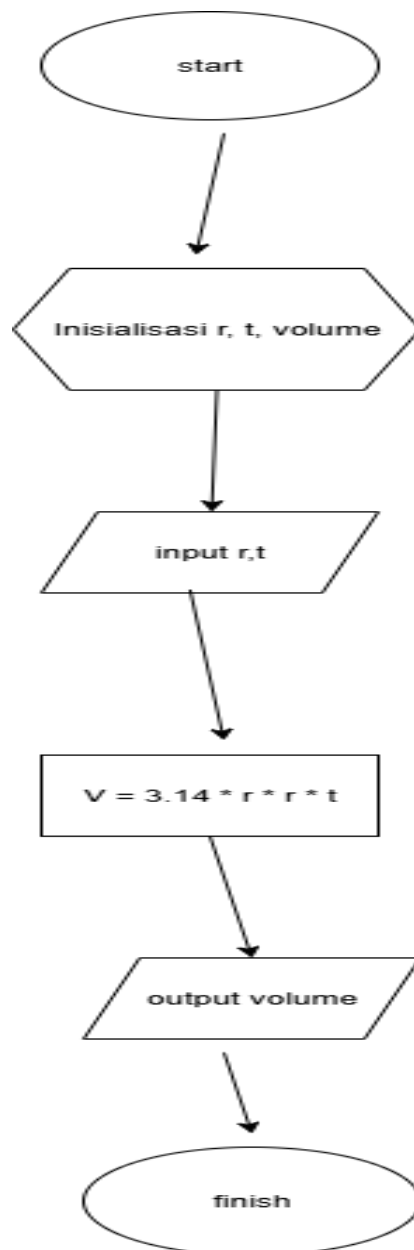
Pseudocode

Judul

Menghitung volume tabung

Deklarasi

Var r, t, volume : double

Algoritma

1. Display "Masukkan jari-jari tabung: "

2. Input r

3. Display "Masukkan tinggi tabung: "

4. Input t

5. Set volume ← 3.14 * r * r * t

6. Print "Volume tabung = "

Kode program Java

```java
3  import java.util.Scanner;
4
5  public class HitungVolume {
6
7      public static void main(String[] args) {
8          double r;
9          double t;
10         double volume;
11         Scanner keyboard = new Scanner (System.in);
12
13         System.out.println("Masukkan jari-jari tabung: ");
14         r =  keyboard.nextDouble();
15         System.out.println("Masukkan tinggi tabung: ");
16         t = keyboard.nextDouble();
17         keyboard.close();
18
19         volume = 3.14 * r * r * t;
20         System.out.println("Volume tabung = " + volume);
21     }
22
23 }
```

Output program


```
<terminated> HitungVolume [Java Applica
Masukkan jari-jari tabung:
7
Masukkan tinggi tabung:
14
Volume tabung = 2154.04
```