

Tugas Alpro 2 Naura Alifia (0088)

```
/*
Nama Program: Latihan Coding 2
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Deskripsi : Membuat program mencari luas alas, luas permukaan, luas selimut, dan
volume kerucut.

*/
#include <iostream>
using namespace std;

int main(){
    float r, t, pi;
    pi = 3.14;

    cout << "Masukan jari-jari alas kerucut (r): ";
    cin >> r;
    cout << "Masukan tinggi kerucut (t): ";
    cin >> t;

    float s;
    s = sqrt ((t*t) + (r*r));
    cout << "Luas alas kerucut: " << pi * r * r << endl;
    cout << "Luas selimut kerucut: " << pi * r * s << endl;
    cout << "Luas permukaan kerucut: " << pi * r * (s + r) << endl;
    cout << "Volume kerucut: " << 1.0/3.0 * pi * r * r * t << endl;
}
```

```
1 /*
2 */
3 #include <iostream>
4 using namespace std;
5
6 int main(){
7     float r, t, pi;
8     pi = 3.14;
9
10    cout << "Masukan jari-jari alas kerucut (r): ";
11    cin >> r;
12    cout << "Masukan tinggi kerucut (t): ";
13    cin >> t;
14
15    float s;
16    s = sqrt ((t*t) + (r*r));
17    cout << "Luas alas kerucut: " << pi * r * r << endl;
18    cout << "Luas selimut kerucut: " << pi * r * s << endl;
19    cout << "Luas permukaan kerucut: " << pi * r * (s + r) << endl;
20    cout << "Volume kerucut: " << 1.0/3.0 * pi * r * r * t << endl;
21
22
23
24
25
26 }
```

The terminal output is:

```
nou@nous-Macbook-Pro T1'25 % ./cbs25
Masukan jari-jari alas kerucut: 3
Masukan tinggi kerucut: 2.5
Luas alas kerucut: 28.26
Luas selimut kerucut: 47.1
Luas permukaan kerucut: 75.36
Volume kerucut: 37.68
nou@nous-Macbook-Pro T1'25 %
```

