

TUGAS TUTOR 2
ALGORITMA DAN PEMROGRAMAN



Oleh:
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KELOMPOK 3

CHARACTER BUILDING SEASON
HIMATIF FMIPA UNPAD
2021

A. Soal Tugas

1. Buat Program Tabung

B. Jawaban

```

/*
Nama Program      : Program Tabung
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NPM              : 140810210059
tanggal          : 14 September 2021
deskripsi        : Menghasilkan Output luas alas, luas selimut, luas permukaan, dan volume tabung
*/

#include <iostream>
using namespace std;

int main ()
{
    cout << "\n";
    cout << "\n";
    cout << "
=====
=====\\n";
    cout << "
=====
=====\\n";

    cout << "
#####      ###      #####      #      ##  ##
##  #####  \\n";
    cout << "
      ##      ##  ##      ##      ##  ##      ##  ##
##  ##      ##  \\n";
    cout << "
      ##      ##      ##      ##      ##  ##      ##  ##
#  ##  ##      \\n";
    cout << "
      ##      ##      ##  #####      ##      ##  ##
##  ##  ##      ##### \\n";
    cout << "
      ##      #####      ##      ##      ##  ##
#####  ##      ##  \\n";
    cout << "
      ##      ##      ##  ##      ##      ##      ##
###  ##      ##  \\n";
    cout << "
      ##      ##      ##  #####      #####      ##
##  #####      \\n";

    cout << "
=====
=====\\n";
    cout << "
=====
=====\\n";
}

```

```

float r, t, Phi;
Phi = 3.14;
cout << "\n";

cout << "Berapa jari-jari tabungnya? \n";
    cin >> r;
cout << "Berapa tinggi tabungnya? \n";
    cin >> t;
cout << "\n";

cout << "Luas Alas Tabung          = " << Phi * r * r;

cout << "\n";

cout << "Luas Selimut Tabung       = " << 2 * Phi * r * t;

cout << "\n";

cout << "Luas Permukaan Tabung = " << 2 * Phi * r * r + 2 * Phi * r *
t;

cout << "\n";

cout << "Volume Tabung              = " << Phi*r*r*t << "\n";

cout << "\n";
cout << "\n";

cout << "=====
=====
cout << "=====
=====
cout << "
#####  #####  ##      ##  #####  #####
###    \n";
cout << "      ##  ##  #####  ##  ##  ##
##  ##  \n";
cout << "      ##      ##  #####  ##  ##
##  ##  \n";
cout << "      #####  #####  ##  ##  ##  ##  ##  ##
##      ##  \n";
cout << "      ##  ##      ##      ##  ##  ##
#####  \n";
cout << "      ##      ##      ##      ##  ##
##      ##  \n";

```

```

    cout << "          #####  #####  ##      ##  #####  #####
##      ## \n";
    cout << "\n";
    cout << "\n";
    cout << "#####  #####  #####  ##      ##      ##      ##      ##
#####      ##      ##      #####  \n";
    cout << "##      ##      ##      ##      ##      ##      ##      ##
      ##      ##      ##      ##      ##      ##      ##      ##
    cout << "##      ##      ##      ##      ##      ##      ##      ##
      ##      ##      ##      ##      ##      ##      ##      ##
    cout << "#####  #####  #####  ##      ##      ##      ##      ##
#####      ##      ##      ##      ##      ##      ##      ##
    cout << "##      ##      ##      ##      ##      ##      ##      ##
      #####  #####      ##      ##      ##      ##      ##      ##
    cout << "##      ##      ##      ##      ##      ##      ##      ##
      ##      ##      ##      ##      ##      ##      ##      ##
    cout << "#####  #####  ##      ##      ##      ##      ##      ##
      ##      ##      ##      ##      ##      ##      ##      ##
    cout << "=====
===== \n";
    cout << "=====
===== \n";

    cout << "\n";
    cout << "\n";
}

```

C. Screenshot Hasil Program

[illegible]