

#include <iostream>

#include <string>

#include <cmath>

using namespace std;

int main () {

string namaLengkap\_07746, npm\_07746, motivasi\_07746;

double tinggiTabung\_07746, volumeTabung\_07746, kelilingSegitiga\_07746;

float phi\_07746 = 3.14;

float r\_07746, miring\_07746, aT\_07746, sA\_07746, tS\_07746, lS\_07746;

cout << "Masukkan nama lengkap Anda: ";

cin >> namaLengkap\_07746;

cout << "Masukkan NPM Anda: ";

cin >> npm\_07746;

cout << "Motivasi Anda untuk masuk Teknik Informatika ITATS: ";

cin >> motivasi\_07746;

cout << "Masukkan tinggi tabung :";

cin >> tinggiTabung\_07746;

cout << "Masukkan volume tabung :";

cin >> volumeTabung\_07746;

cout << "Masukkan keliling segitiga sama kaki: ";

cin >> kelilingSegitiga\_07746;

r\_07746 = sqrt (volumeTabung\_07746 / (phi\_07746 \* tinggiTabung\_07746));

aT\_07746 = r\_07746;

miring\_07746 = (kelilingSegitiga\_07746 - aT\_07746) / 2;

sA\_07746 = aT\_07746 /2;

tS\_07746 = sqrt (miring\_07746 \* miring\_07746 - sA\_07746 \* sA\_07746);

lS\_07746 = (aT\_07746 \* tS\_07746 / 2);

cout << "=======Informasi yang telah diinput========\n";

cout << "Nama lengkap : " << namaLengkap\_07746 << endl;

cout << "NPM : " << npm\_07746 << endl;

cout << "Motivasi masuk Teknik Informatika ITATS : " << motivasi\_07746 << endl;

cout << "tinggi tabung :"<< tinggiTabung\_07746 << endl;

cout << "volume tabung :"<< volumeTabung\_07746 << endl;

cout << "keliling segitiga sama kaki: "<< kelilingSegitiga\_07746 << endl;

cout << "===========Hasil Perhitungan===============\n";

cout << "Nilai Alas Segitiga :" << aT\_07746 << endl;

cout << "Nilai Sisi Miring Segitiga :" << miring\_07746 << endl;

cout << "Nilai tinggi Segitiga : " << tS\_07746 << endl;

cout << "Luas segitiga sama kaki : " << lS\_07746 << endl;

return 0;

}

