PRAKTIKUM

ALGORITMA PEMROGRAMAN

POSTTEST 1

NAMA/NIM:

Bagus Akmal/2100018305

KELAS F

UNIVERSITAS AHMAD DAHLAN

FAKULTAS TEKNOLOGI INDUSTRI

PROGRAM STUDI INFORMATIKA

TAHUN 2021/2022

POKPHAND

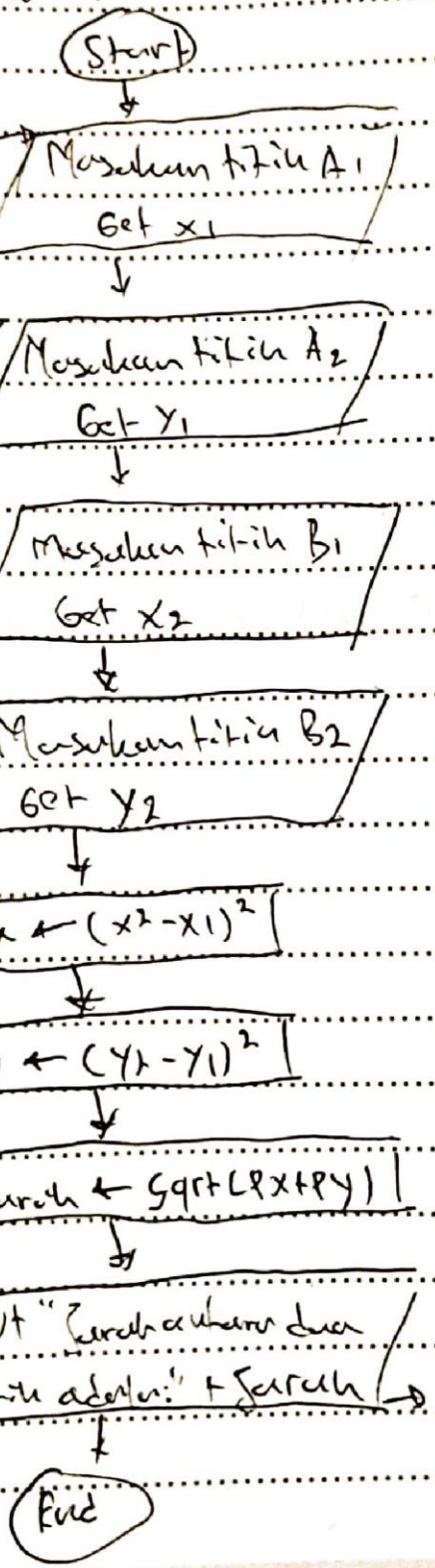
Date : .....

Post test 1

Name : Bagus Ahmad

NIM : 210006 18305

① Flowchart



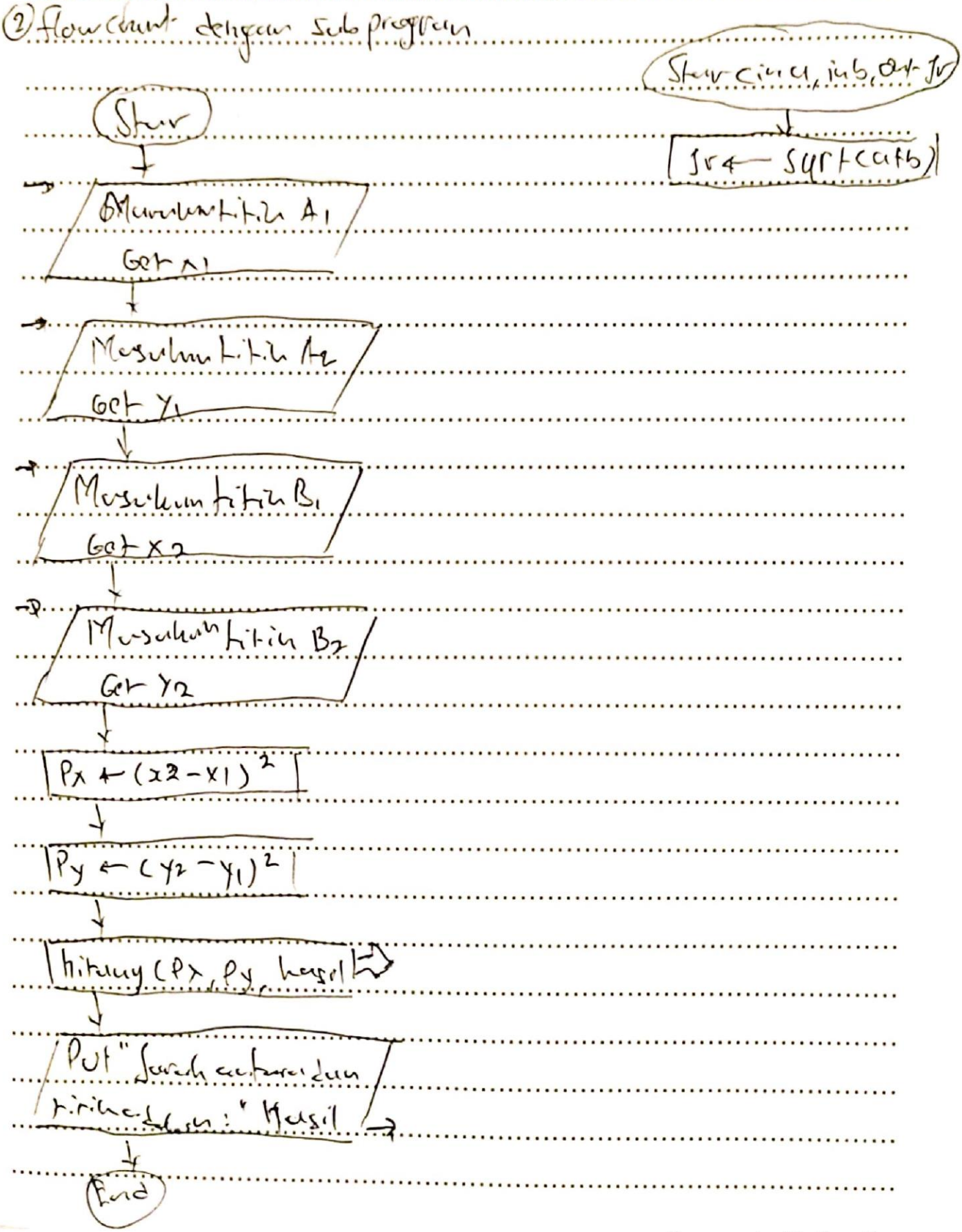
Scanned with CamScanner

POKPHAND

Date : .....

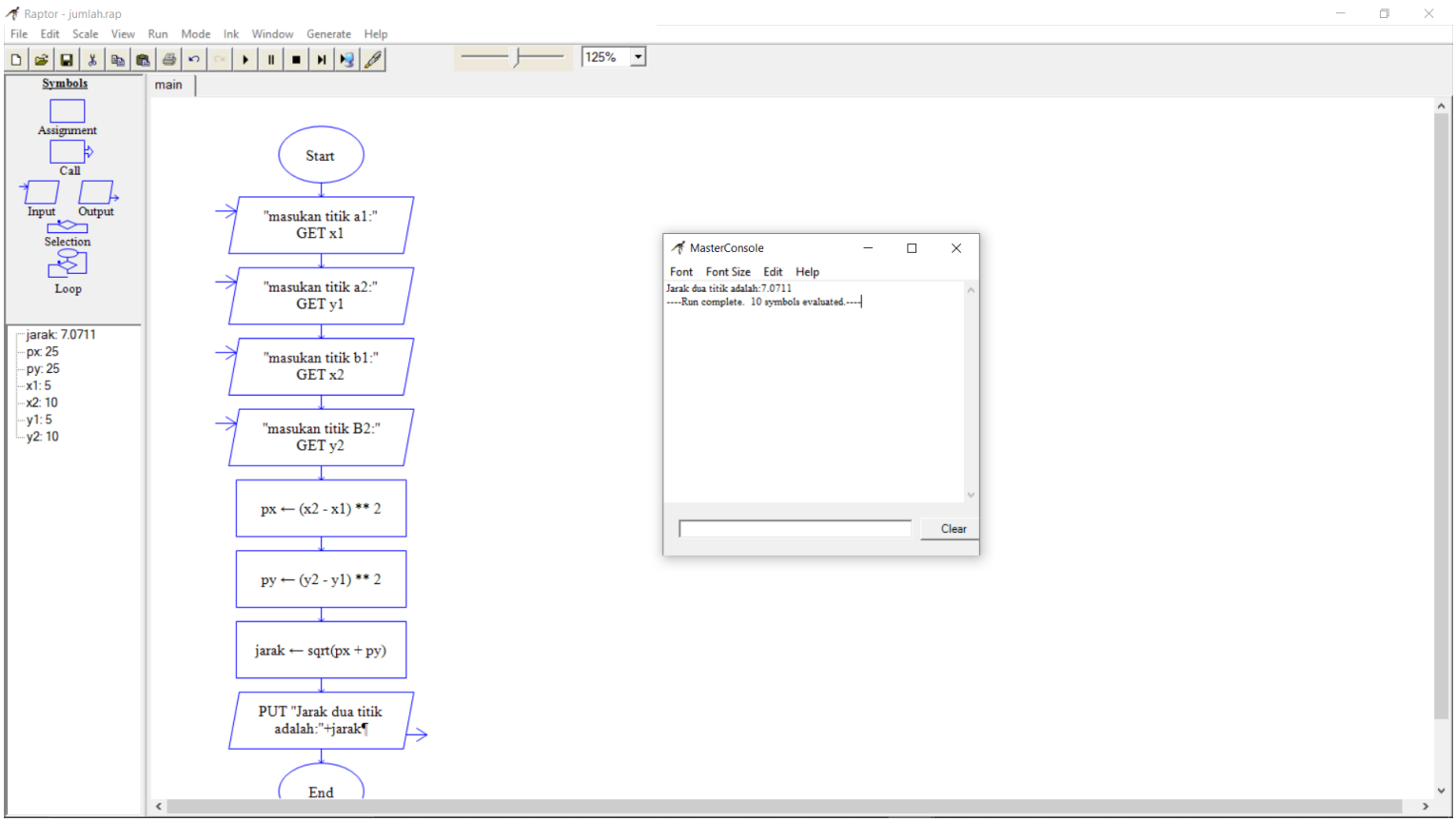
hitung

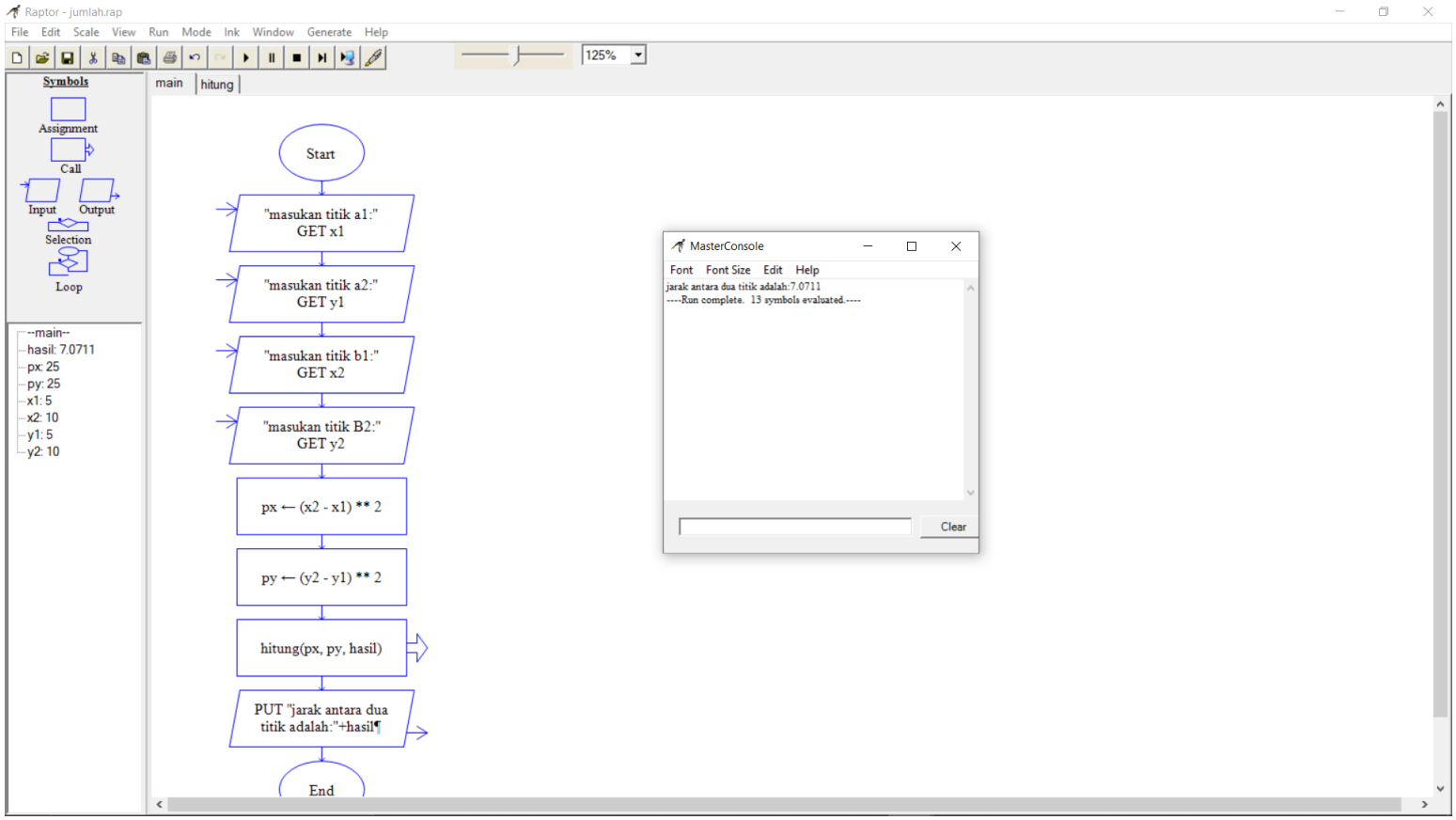
② flowchart dengan sub program

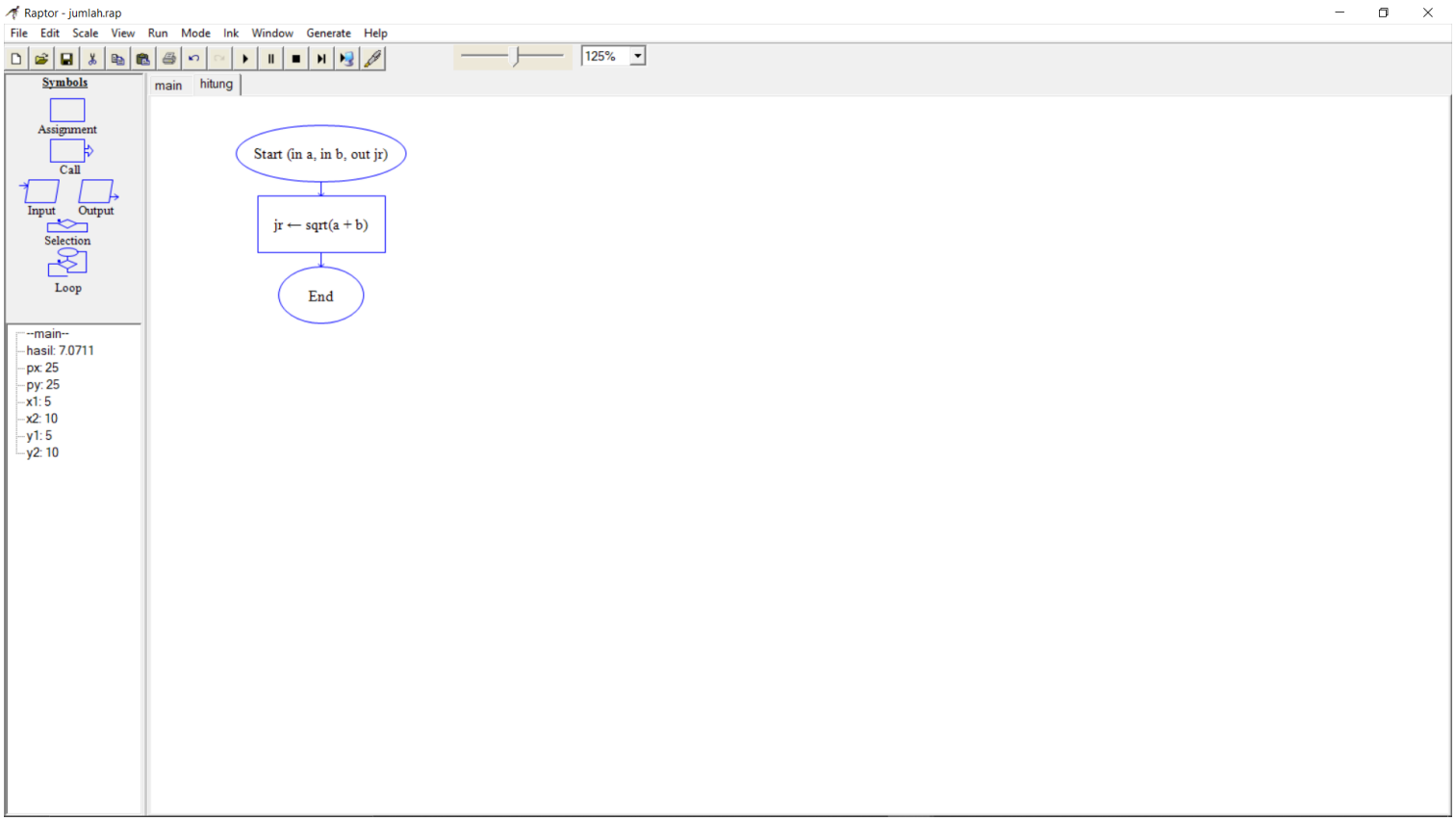


Scanned with CamScanner

Screenshot raptor

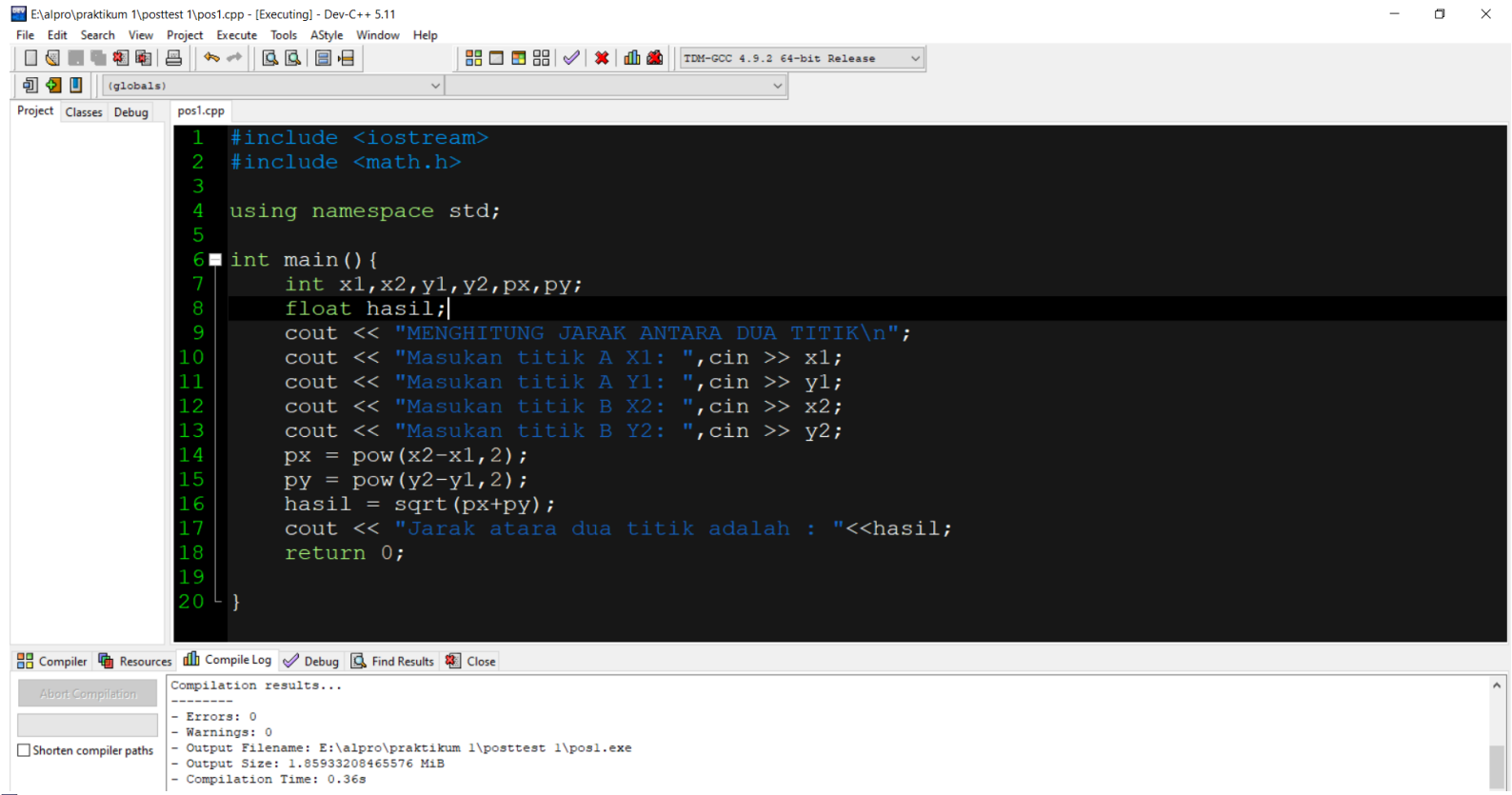


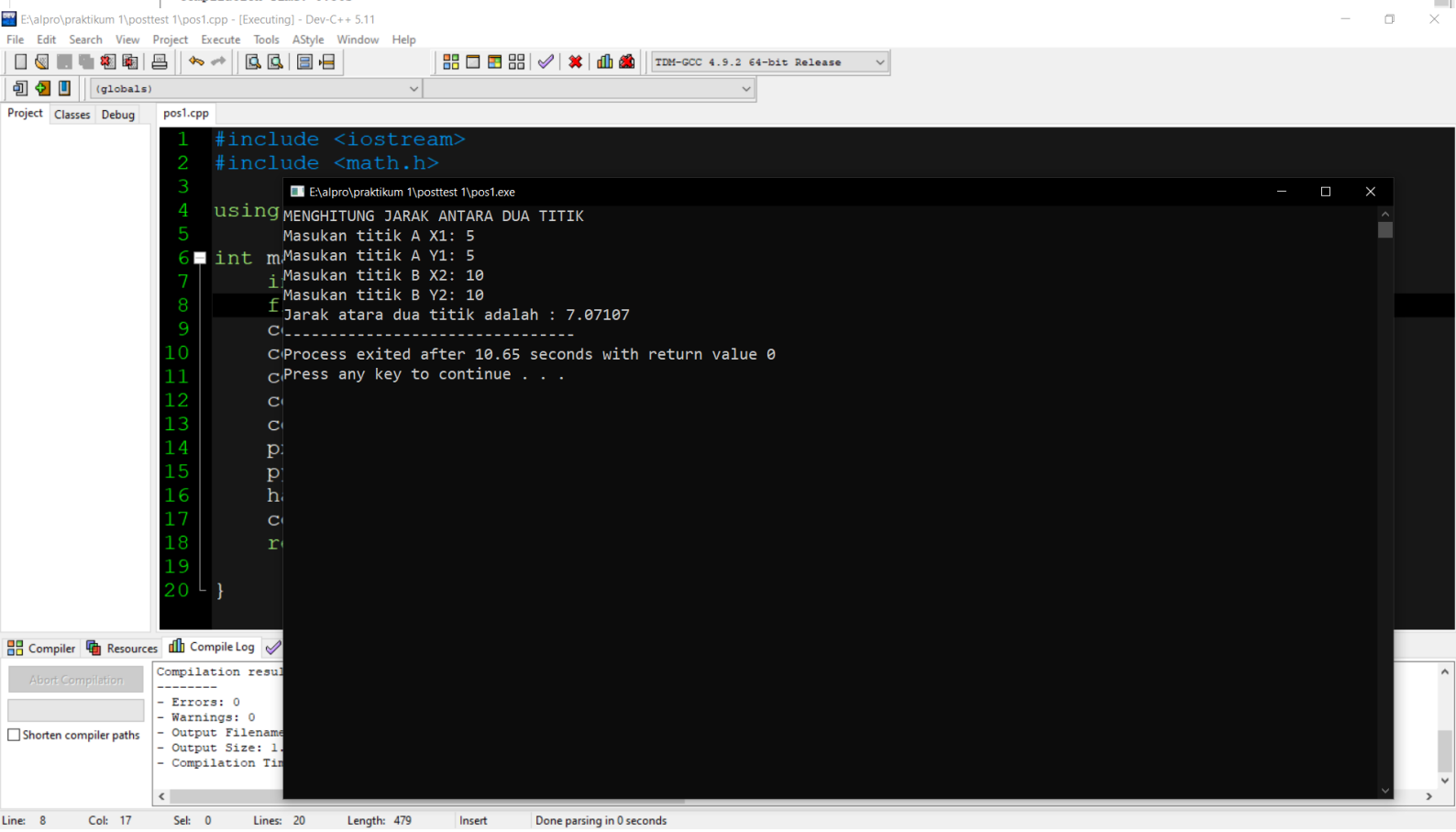



Raptor - jumlah.rap
File Edit Scale View Run Mode Ink Window Generate Help
125%
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
hitung
Start (in a, in b, out jr)
jr ← sqrt(a + b)
End
--main--
hasil: 7.0711
px: 25
py: 25
x1: 5
x2: 10
y1: 5
y2: 10

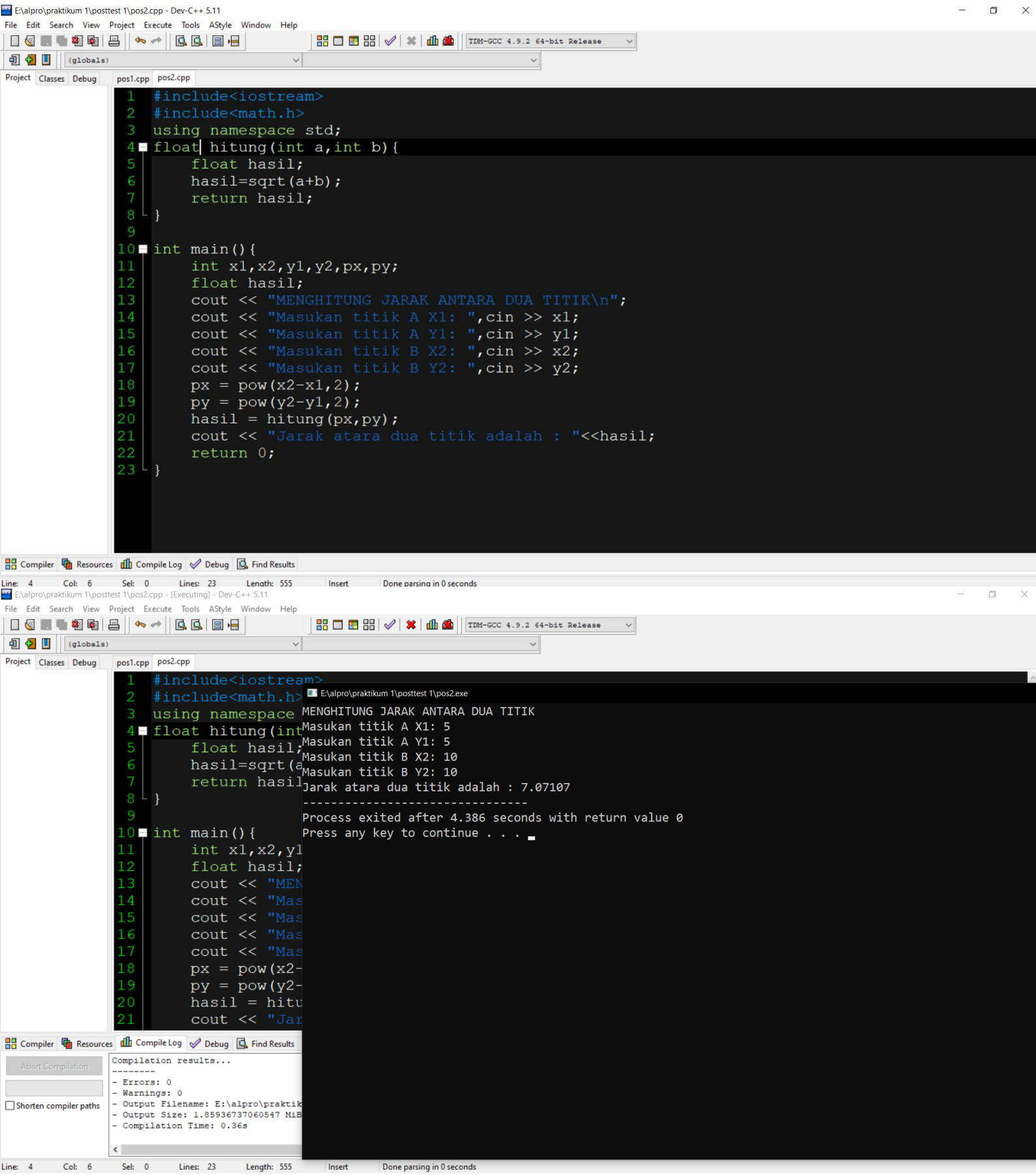
Screenshoot koding

Flowcart 1





Flowchart 2


E:\alpro\praktikum 1\posttest 1\pos2.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
pos1.cpp pos2.cpp
#include<iostream>
#include<math.h>
using namespace std;
float hitung(int a,int b){
float hasil;
hasil=sqrt(a+b);
return hasil;
}
int main(){
int x1,x2,y1,y2,px,py;
float hasil;
cout << "MENGHITUNG JARAK ANTARA DUA TITIK\n";
cout << "Masukan titik A X1: ",cin >> x1;
cout << "Masukan titik A Y1: ",cin >> y1;
cout << "Masukan titik B X2: ",cin >> x2;
cout << "Masukan titik B Y2: ",cin >> y2;
px = pow(x2-x1,2);
py = pow(y2-y1,2);
hasil = hitung(px,py);
cout << "Jarak atara dua titik adalah : "<<hasil;
return 0;
}
Compiler Resources Compile Log Debug Find Results
Line: 4 Col: 6 Sel: 0 Lines: 23 Length: 555 Insert Done parsing in 0 seconds
E:\alpro\praktikum 1\posttest 1\pos2.cpp - [Executing] - Dev-C++ 5.11
E:\alpro\praktikum 1\posttest 1\pos2.exe
MENGHITUNG JARAK ANTARA DUA TITIK
Masukan titik A X1: 5
Masukan titik A Y1: 5
Masukan titik B X2: 10
Masukan titik B Y2: 10
Jarak atara dua titik adalah : 7.07107
Process exited after 4.386 seconds with return value 0
Press any key to continue . . .
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: E:\alpro\praktik
- Output Size: 1.85936737060547 MiB
- Compilation Time: 0.36s
Abort Compilation
Shorten compiler paths