

LAPORAN PRAKTIKUM
ALGORITMA PEMROGRAMAN

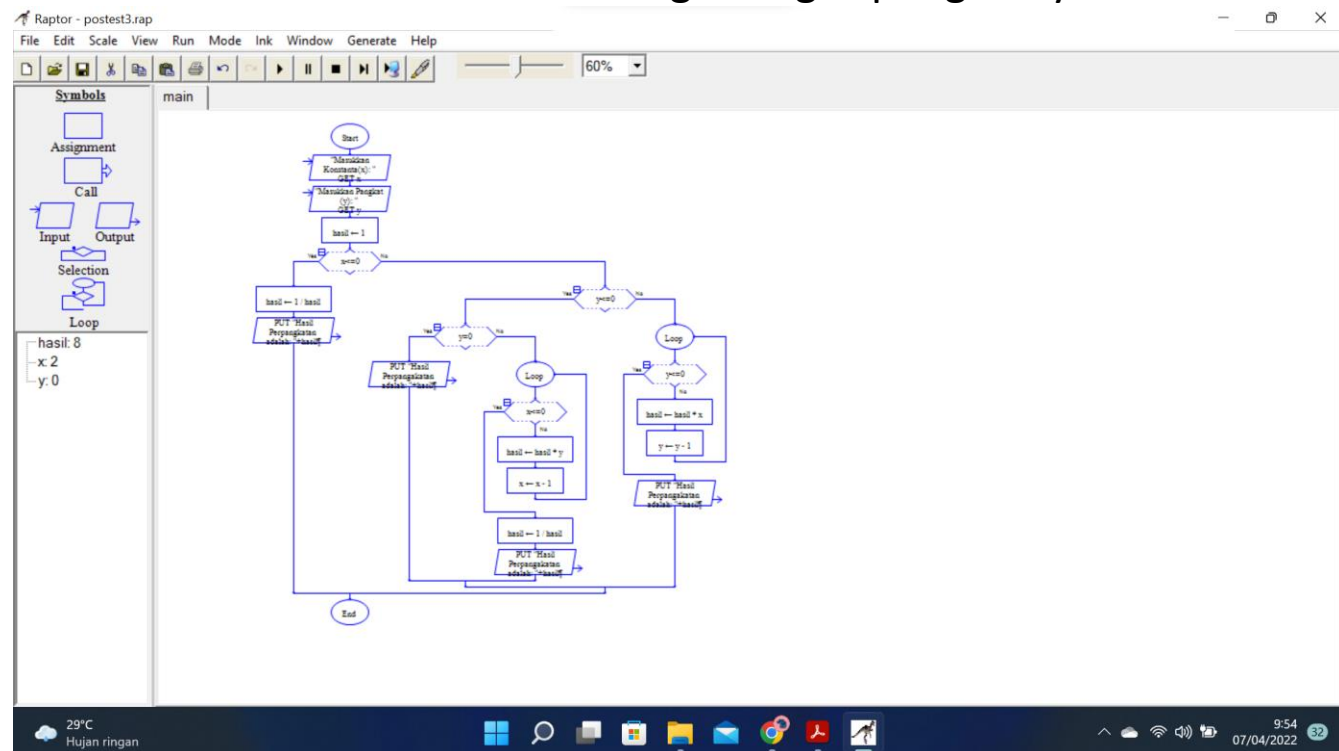


Disusun Oleh :

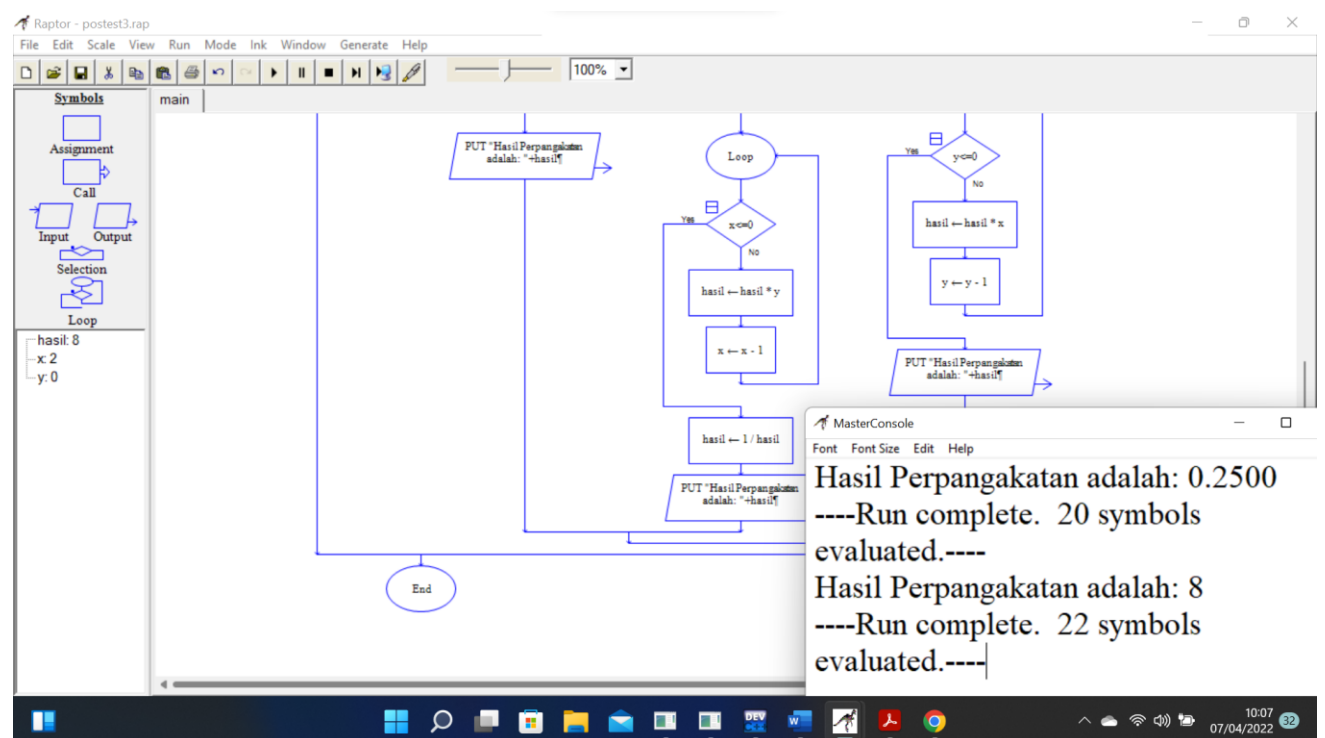
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FAKULTAS TEKNOLOGI INDUSTRI
PROGRAM STUDI TEKNIK INFORMATIKA
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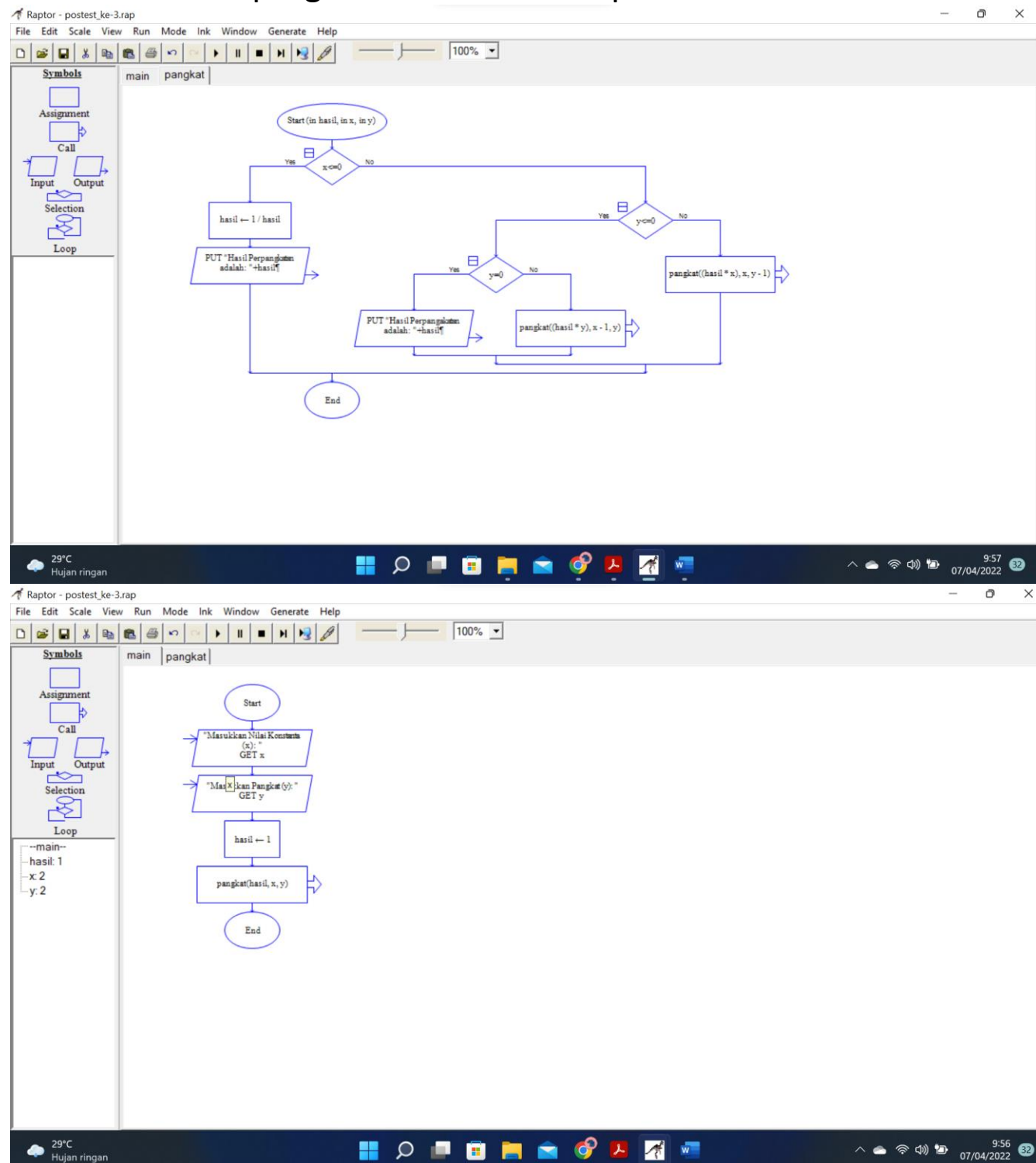
1. Membuat Flowchart untuk menghitung x pangkat y



RUN



2. Membuat Subprogram dari flowchart pertama



RUN

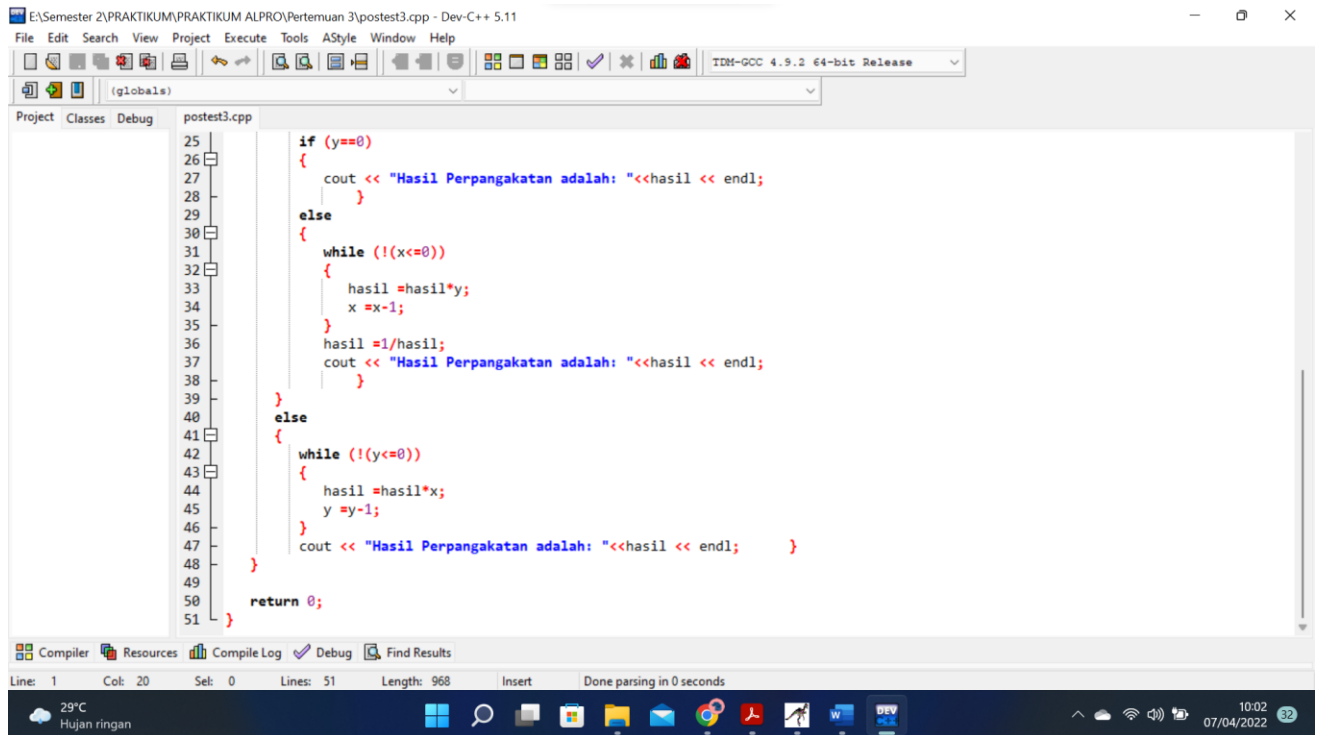
The screenshot shows the Raptor IDE interface. On the left, the 'Symbols' pane lists variables: `--main--`, `hasil: 1`, `x: 2`, and `y: 3`. The central workspace displays a flowchart for a program named 'pangkat'. The flowchart starts with a 'Start' terminal, followed by an input block 'Masukkan Nilai Konstanta (x):' and 'GET x'. Then, another input block 'Masukkan Pangkat (y):' and 'GET y'. This is followed by an assignment block 'hasil ← 1', and finally a call block 'pangkat(hasil, x, y)' leading to an 'End' terminal. On the right, the 'MasterConsole' window displays the output of the program: 'Hasil Perpangkatan adalah: 0.2500' followed by '----Run complete. 23 symbols evaluated.----', and 'Hasil Perpangkatan adalah: 8' followed by '----Run complete. 27 symbols evaluated.----'. A 'Clear' button is visible at the bottom of the console.

3.PROGRAM C++

The screenshot shows the Dev-C++ IDE with the file 'posttest3.cpp' open. The code is as follows:

```
1 #include <iostream>
2
3 using namespace std;
4 int main()
5 {
6     int x;
7     int y;
8     float hasil;
9
10    cout<<"Masukkan Konstanta(x): ";
11    cin >> x;
12    cout<<"Masukkan Pangkat (y): ";
13    cin >> y;
14    hasil =1;
15
16    if (x<=0)
17    {
18        hasil =1/hasil;
19        cout << "Hasil Perpangkatan adalah: "<<hasil << endl;
20    }
21    else
22    {
23        if (y<=0)
24        {
25            if (y==0)
26            {
27                cout << "Hasil Perpangkatan adalah: "<<hasil << endl;
28            }
29        }
30    }
```

The status bar at the bottom indicates 'Line: 1', 'Col: 20', 'Sel: 0', 'Lines: 51', 'Length: 968', and 'Done parsing in 0 seconds'. The system tray shows a temperature of 29°C, 'Hujan ringan' (light rain), and the date 07/04/2022.



RUN PROGRAM

