LAPORAN PRAKTIKUM
ALGORITMA PEMROGRAMAN

Disusun Oleh:

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PROGRAM STUDI INFORMATIKA

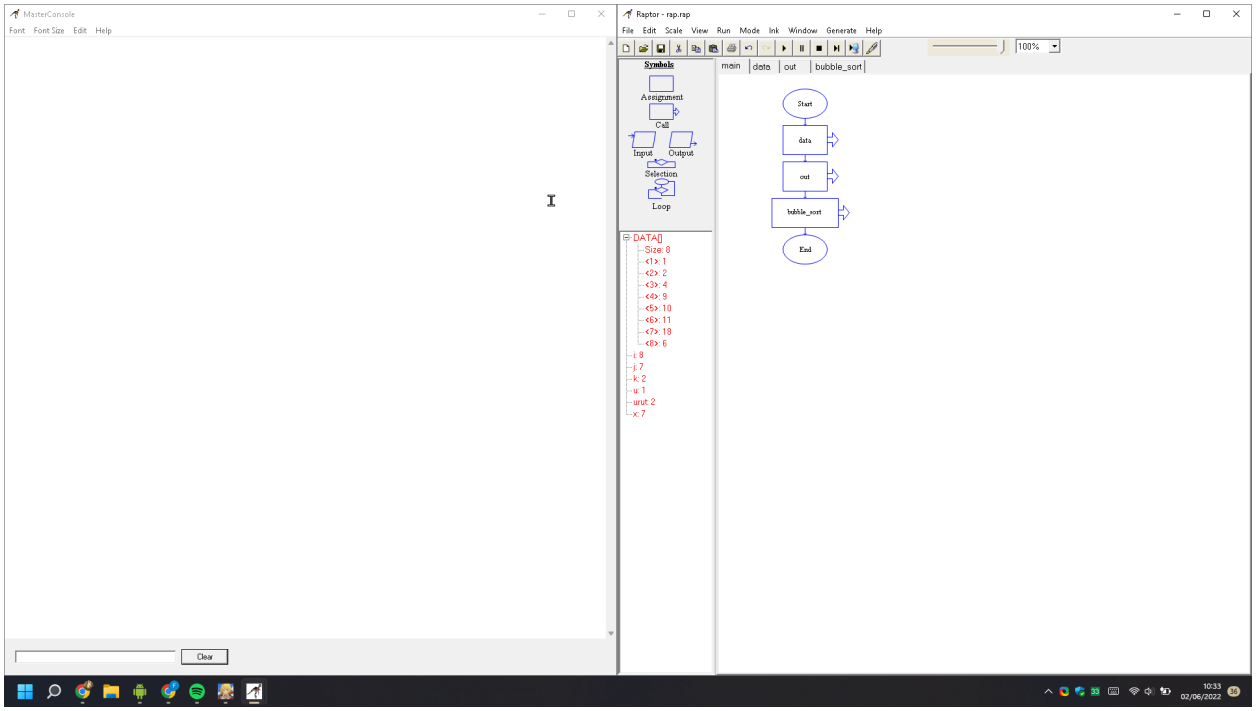
FAKULTAS TEKNOLOGI INDUSTRI

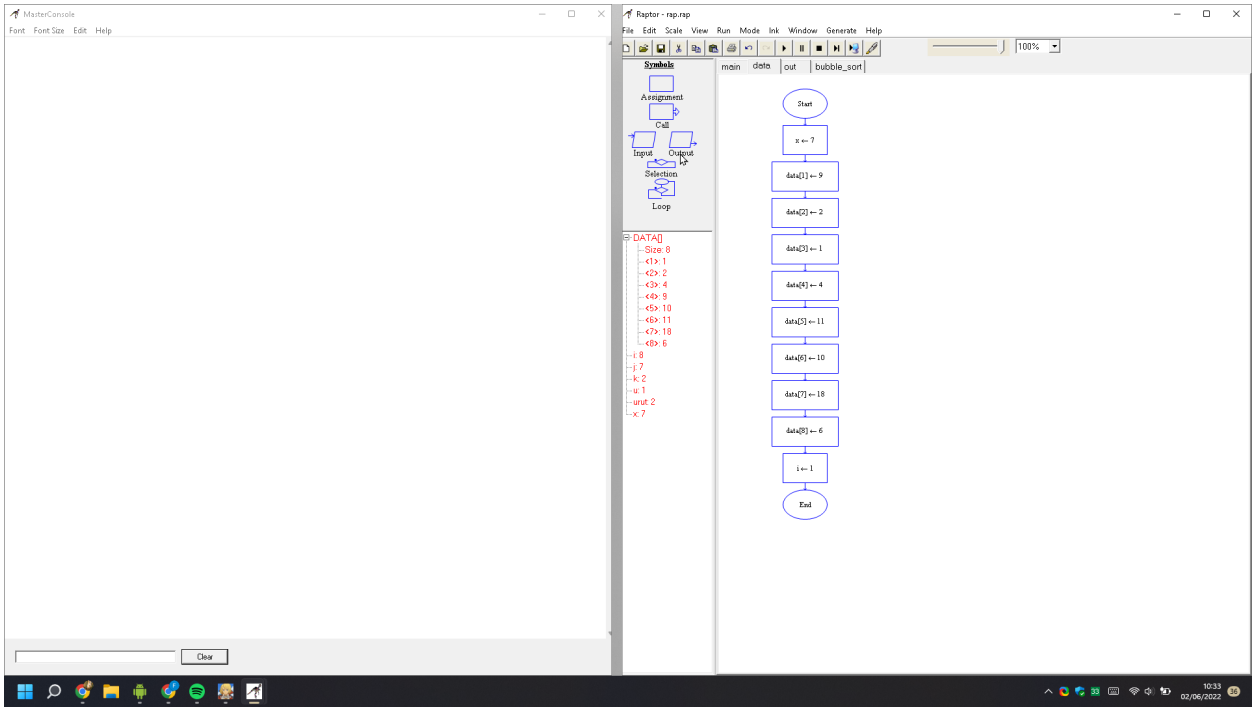
UNIVERSITAS AHMAD DAHLAN

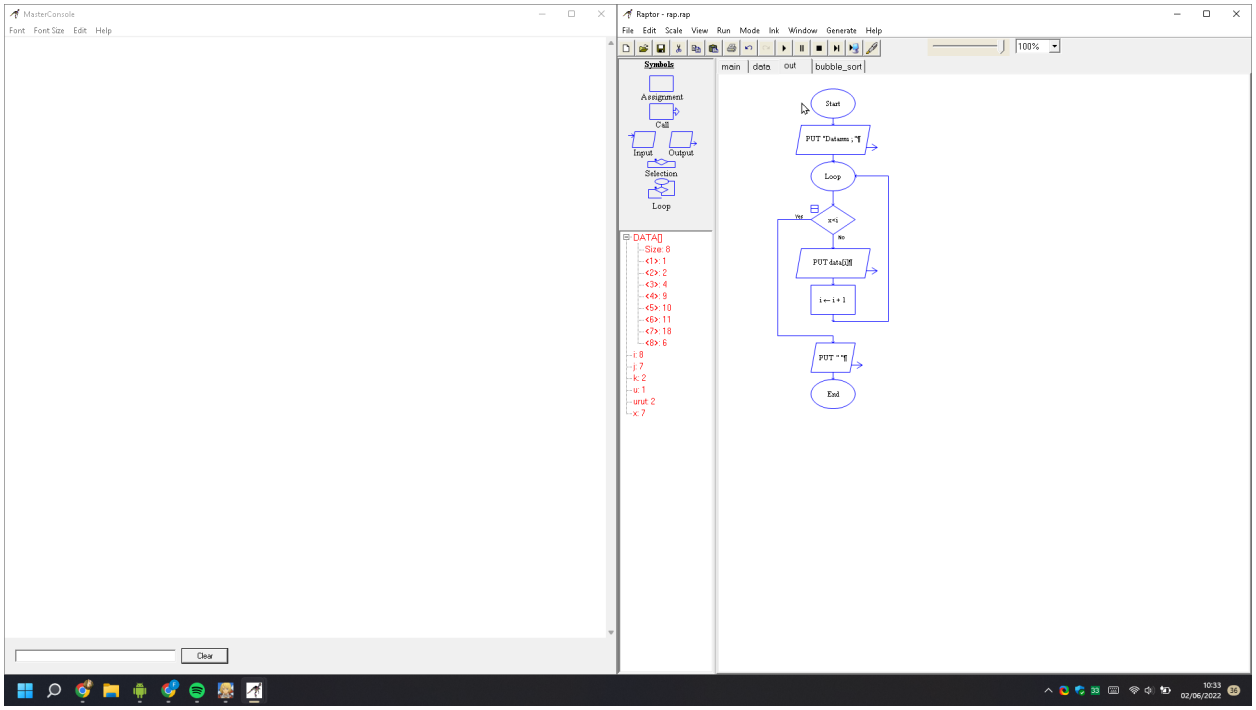
DESEMBER 2022

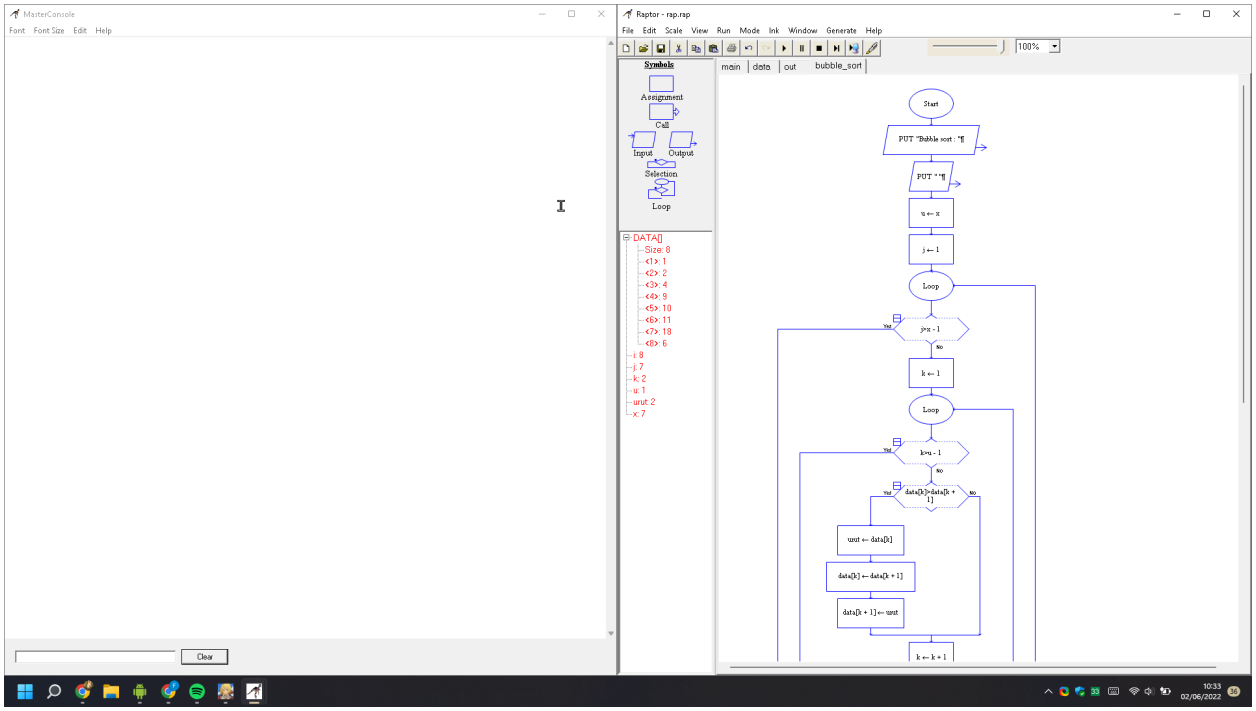
Postest

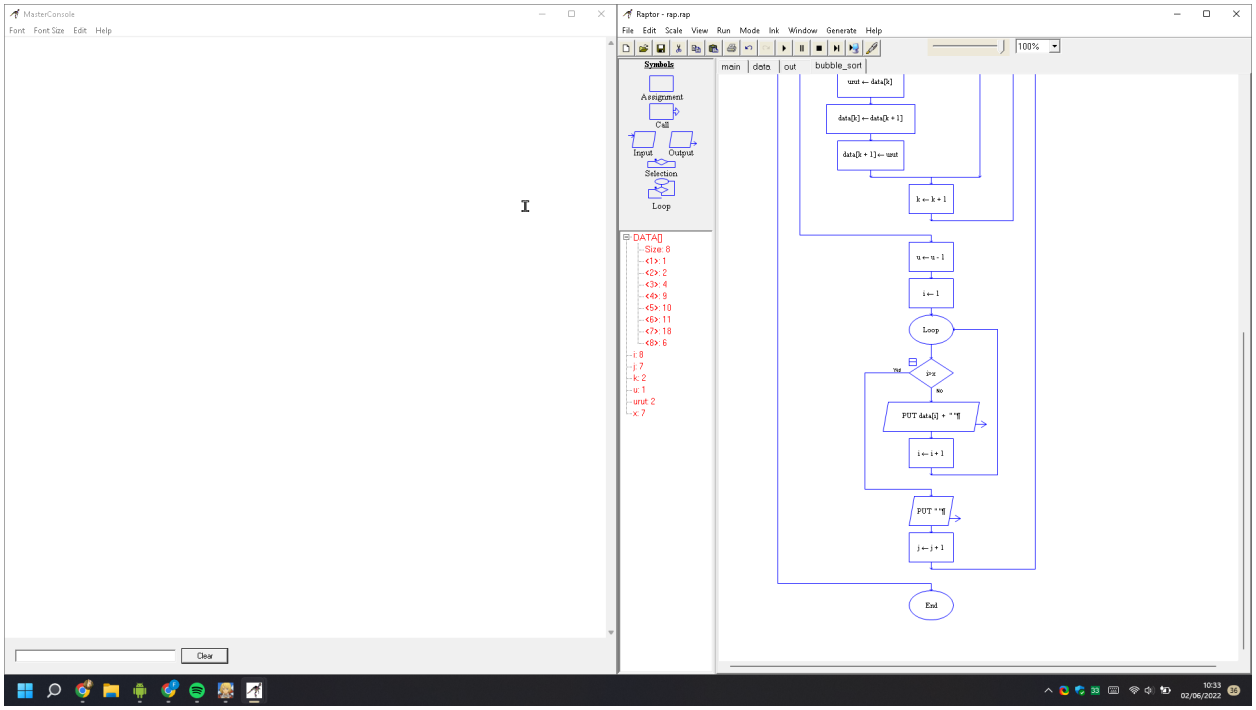
Flowchart






MasterConsole
Font Font Size Edit Help
Clear
Raptor - rap.rap
File Edit Scale View Run Mode Ink Window Generate Help
Symbols
Assignment
Call
Input Output
Selection
Loop
DATA[]
Size: 8
<1>: 1
<2>: 2
<3>: 4
<4>: 9
<5>: 10
<6>: 11
<7>: 18
<8>: 6
i: 8
j: 7
k: 2
u: 1
urut: 2
x: 7
main data out bubble_sort
Start
PUT "Datanya : "¶
Loop
x<i
yes
no
PUT data[i]¶
i ← i + 1
PUT " "¶
End


MasterConsole
Font Font Size Edit Help
Clear
Raptor - rap.rap
File Edit Scale View Run Mode Ink Window Generate Help
Symbols
Assignment
Call
Input Output
Selection
Loop
DATA[]
Size: 8
<1>: 1
<2>: 2
<3>: 4
<4>: 9
<5>: 10
<6>: 11
<7>: 18
<8>: 6
i: 8
j: 7
k: 2
u: 1
urut: 2
x: 7
main data out bubble_sort
Start
PUT "Bubble sort : "¶
PUT " "¶
u ← x
j ← 1
Loop
j<x - 1
yes
no
k ← 1
Loop
k<u - 1
yes
no
data[k]>data[k + 1]
yes
no
urut ← data[k]
data[k] ← data[k + 1]
data[k + 1] ← urut
k ← k + 1


MasterConsole
Font Font Size Edit Help
Clear
Raptor - rap.rap
File Edit Scale View Run Mode Ink Window Generate Help
100%
Symbols
Assignment
Call
Input
Output
Selection
Loop
DATA[]
Size: 8
<1>: 1
<2>: 2
<3>: 4
<4>: 9
<5>: 10
<6>: 11
<7>: 18
<8>: 6
i: 8
j: 7
k: 2
u: 1
unit: 2
x: 7
main
data
out
bubble_sort
unit ← data[k]
data[k] ← data[k + 1]
data[k + 1] ← unit
k ← k + 1
u ← u - 1
i ← 1
Loop
i<u
yes
no
PUT data[i] + " "¶
i ← i + 1
PUT " "¶
j ← j + 1
End
10:33
02/06/2022

Hasil run Flowchart


MasterConsole
Font
Font Size
Edit
Help
1
4
9
10
11
18
1
2
4
9
10
11
18
1
2
4
9
10
11
18
1
2
4
9
10
11
18
1
2
4
9
10
11
18
1
2
4
9
10
11
18
----Run complete. 392 symbols evaluated.----
Clear

Konversi ke dalam program c++