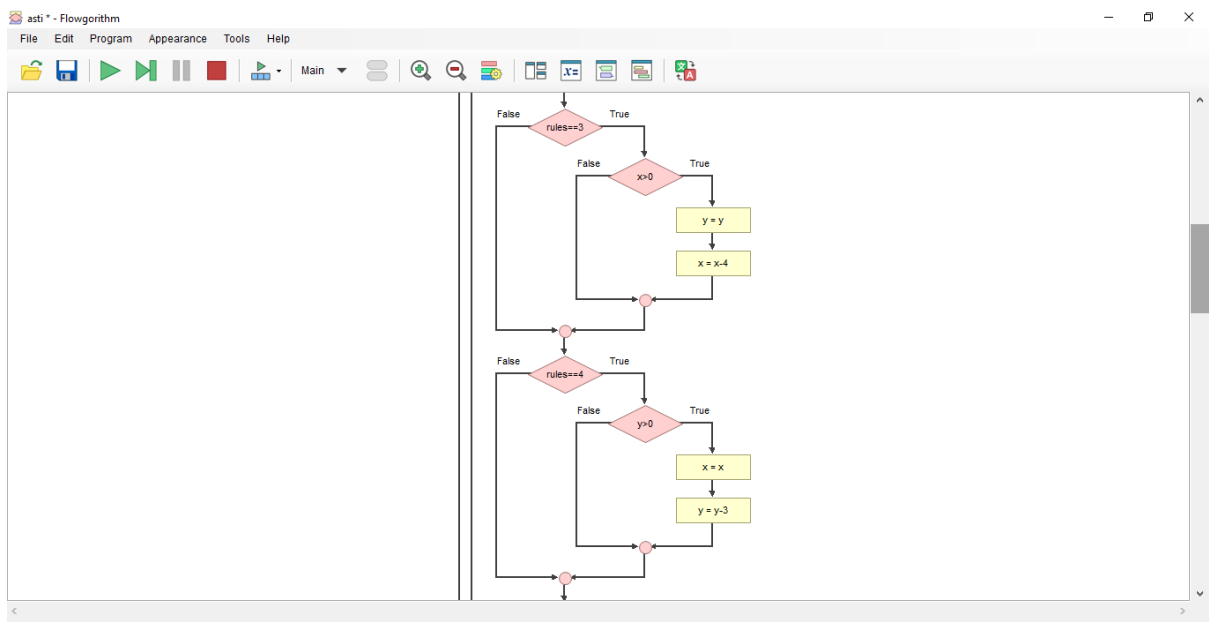
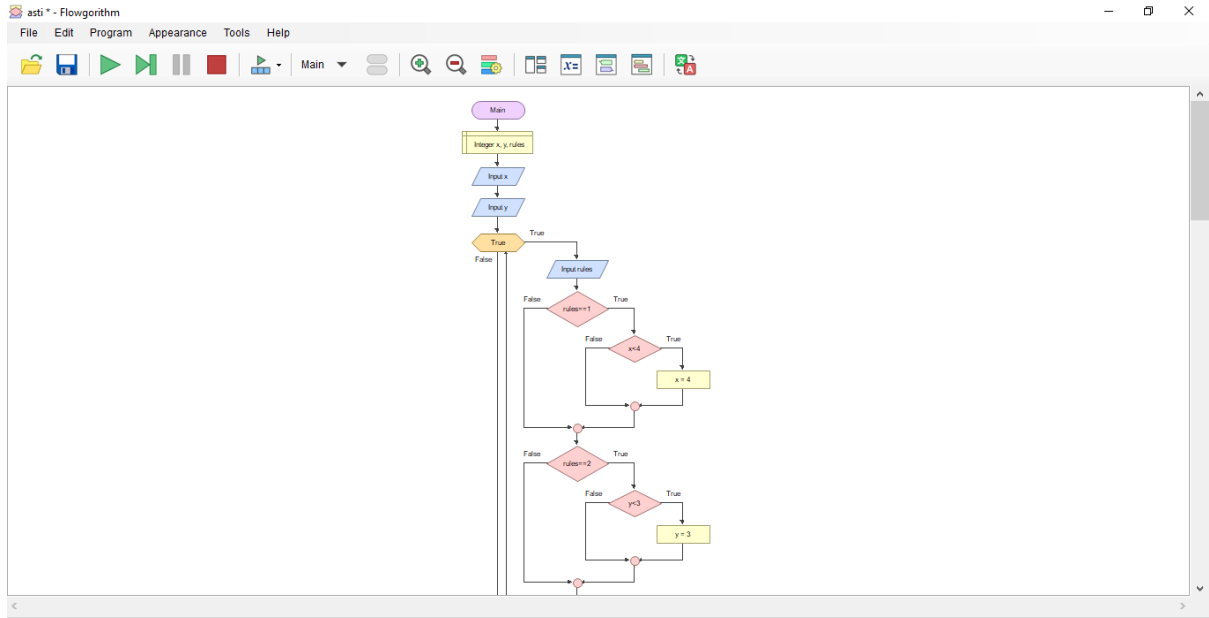
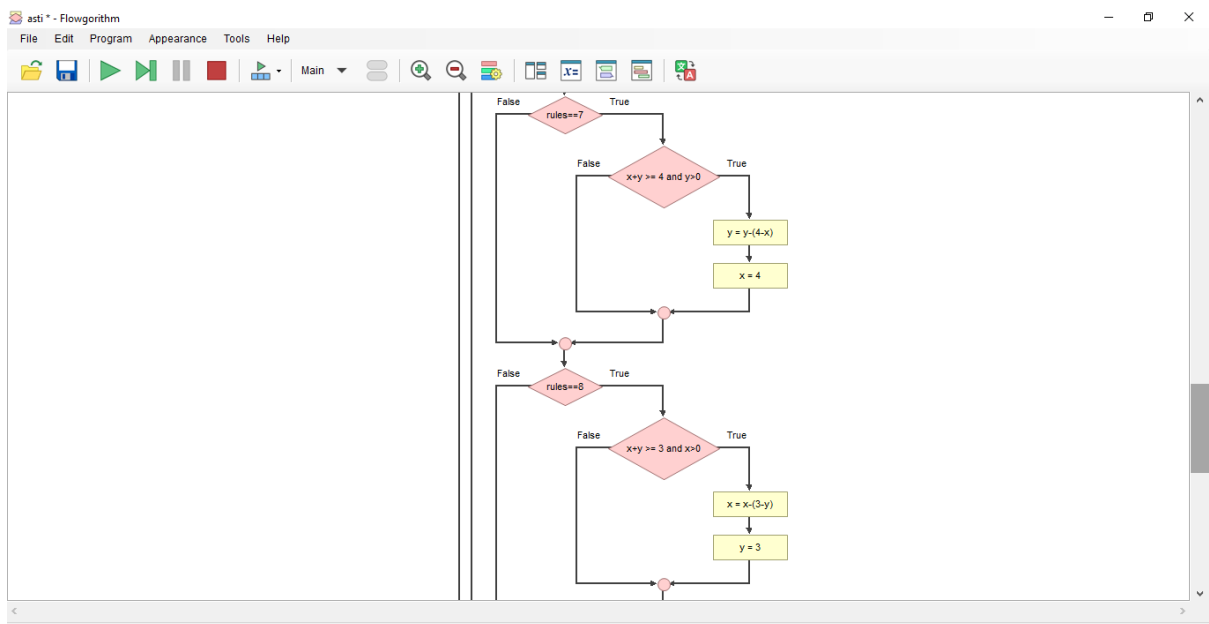
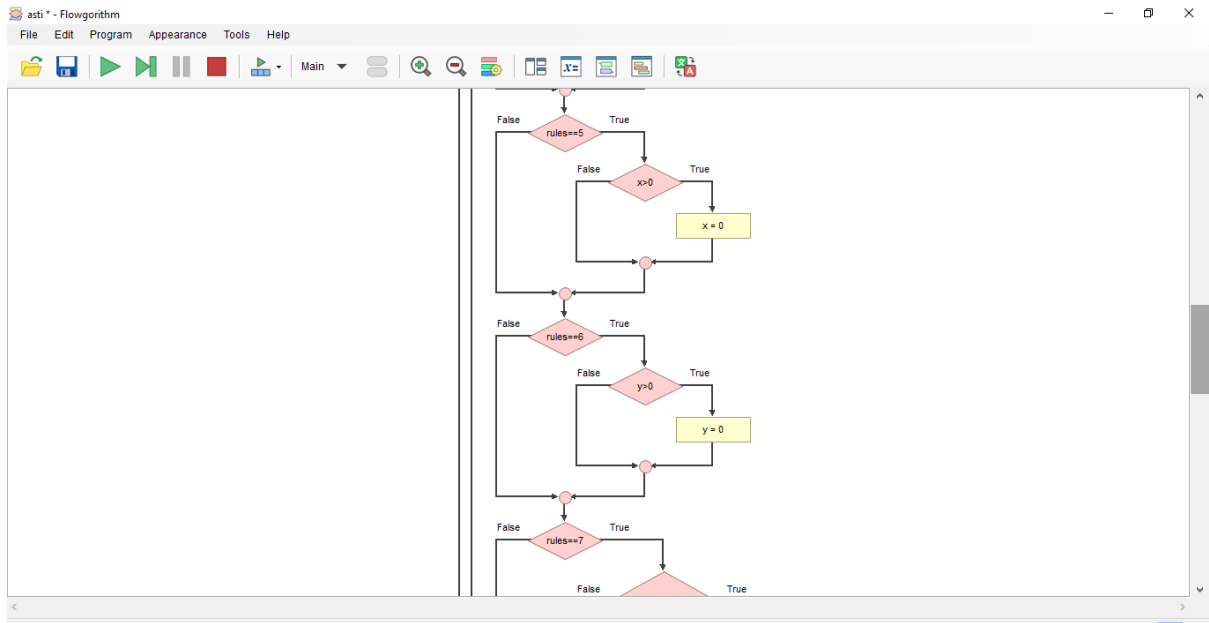
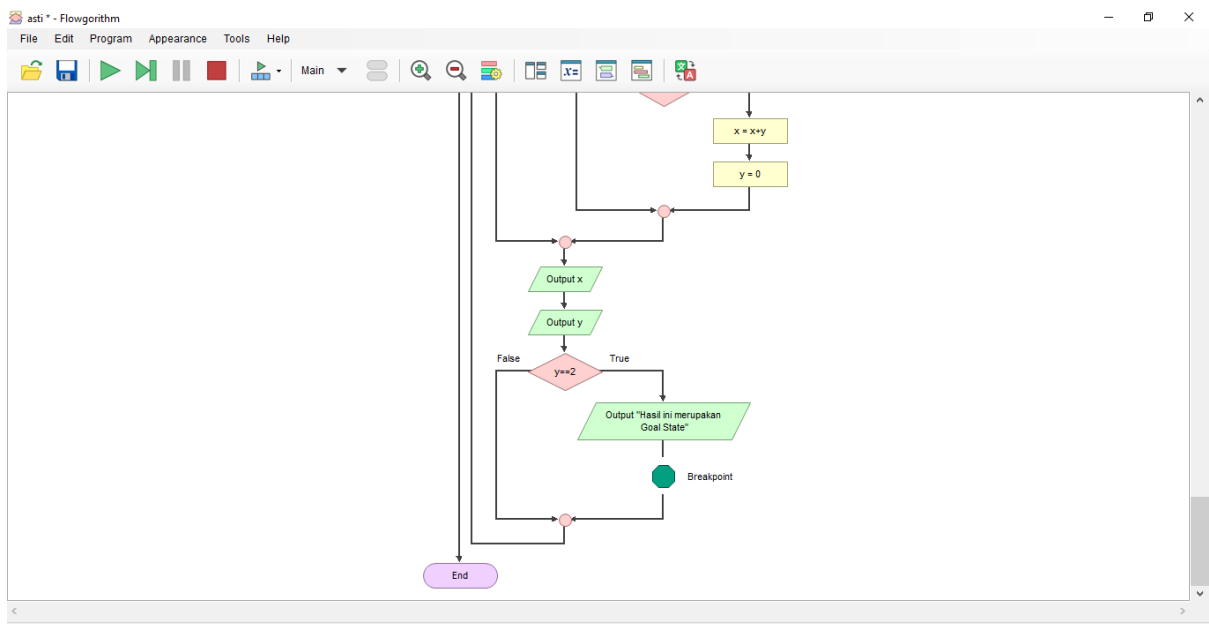
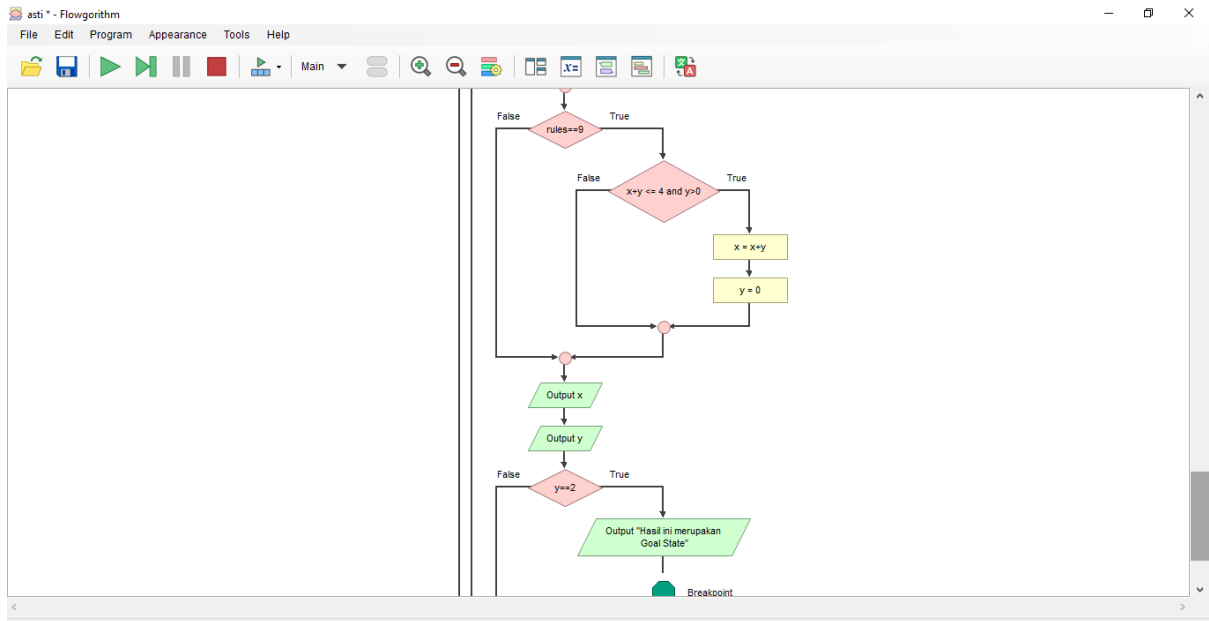


## Flowchart Penyelsaian Masalah Wadah $x=4$ Kg dan $y=3$ Kg Dengan Goal $y=2$







Source Code Viewer

```
0 x = int(input())
1 y = int(input())
2 while True:
3     rules = int(input())
4     if rules == 1:
5         if x < 4:
6             x = 4
7     if rules == 2:
8         if y < 3:
9             y = 3
10    if rules == 3:
11        if x > 0:
12            y = y
13            x = x - 4
14    if rules == 4:
15        if y > 0:
16            x = x
17            y = y - 3
18    if rules == 5:
19        if x > 0:
20            x = 0
21    if rules == 6:
```

Console

3

3

0

3

3

4

2

Hasil ini merupakan Goal State

9

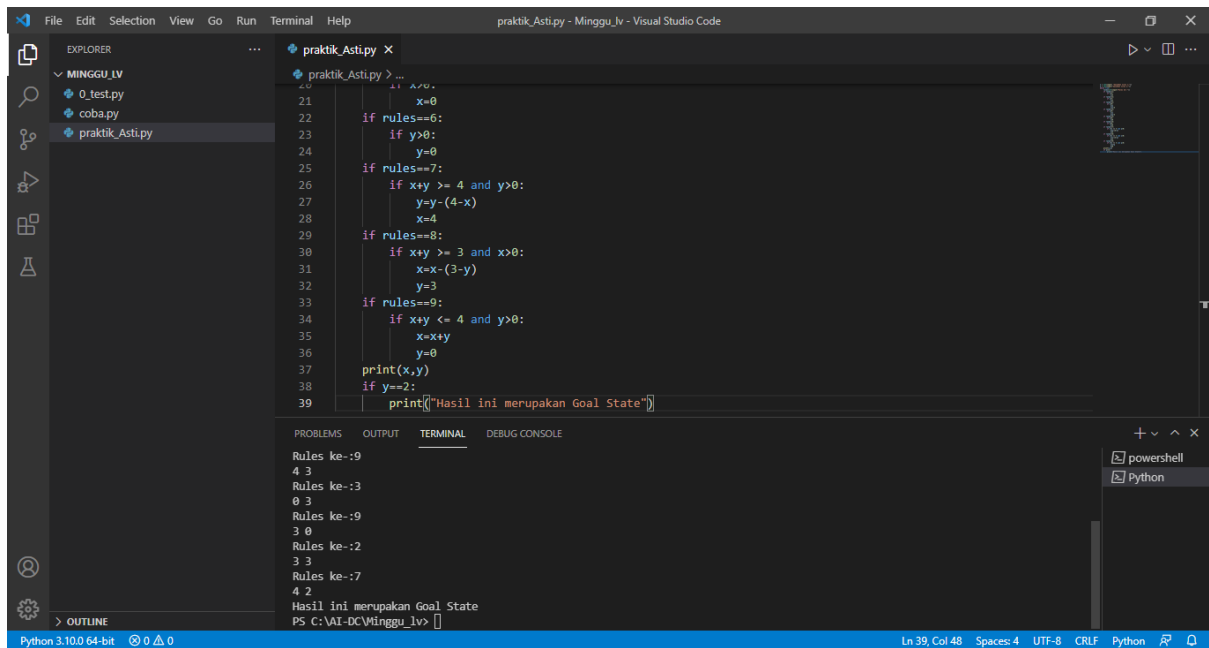
2

7

Breakpoint: The program was paused.

Enter

## Output dari VS-Code:



The screenshot displays the Visual Studio Code interface with a Python file named `praktik_Asti.py` open. The file contains a script that iterates through rules (0 to 9) and checks for a goal state. The terminal output shows the results of these checks.

```
praktik_Asti.py
21 x=0
22 if rules==6:
23     if y>0:
24         y=0
25 if rules==7:
26     if x+y >= 4 and y>0:
27         y=y-(4-x)
28         x=4
29 if rules==8:
30     if x+y >= 3 and x>0:
31         x=x-(3-y)
32         y=3
33 if rules==9:
34     if x+y <= 4 and y>0:
35         x=x+y
36         y=0
37 print(x,y)
38 if y==2:
39     print(["Hasil ini merupakan Goal State"])
```

Terminal Output:

```
Rules ke-:9
4 3
Rules ke-:3
0 3
Rules ke-:9
3 0
Rules ke-:2
3 3
Rules ke-:7
4 2
Hasil ini merupakan Goal State
PS C:\AI-DC\Minggu_lv>
```

The status bar at the bottom indicates the file is using Python 3.10.0 64-bit, with 0 errors and 0 warnings. The current cursor position is at line 39, column 48.