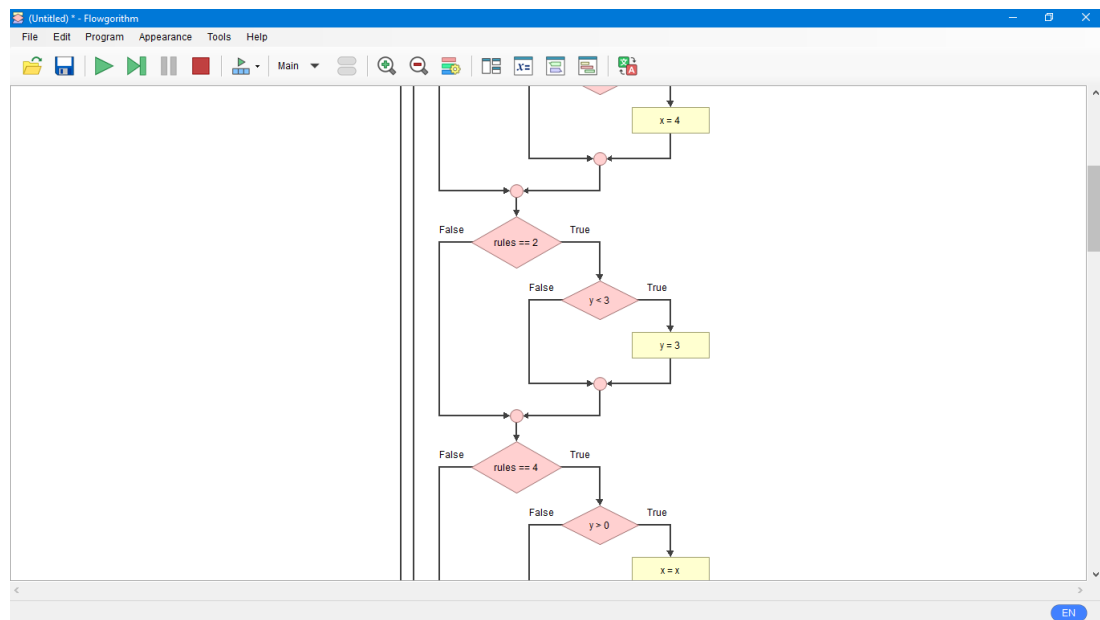
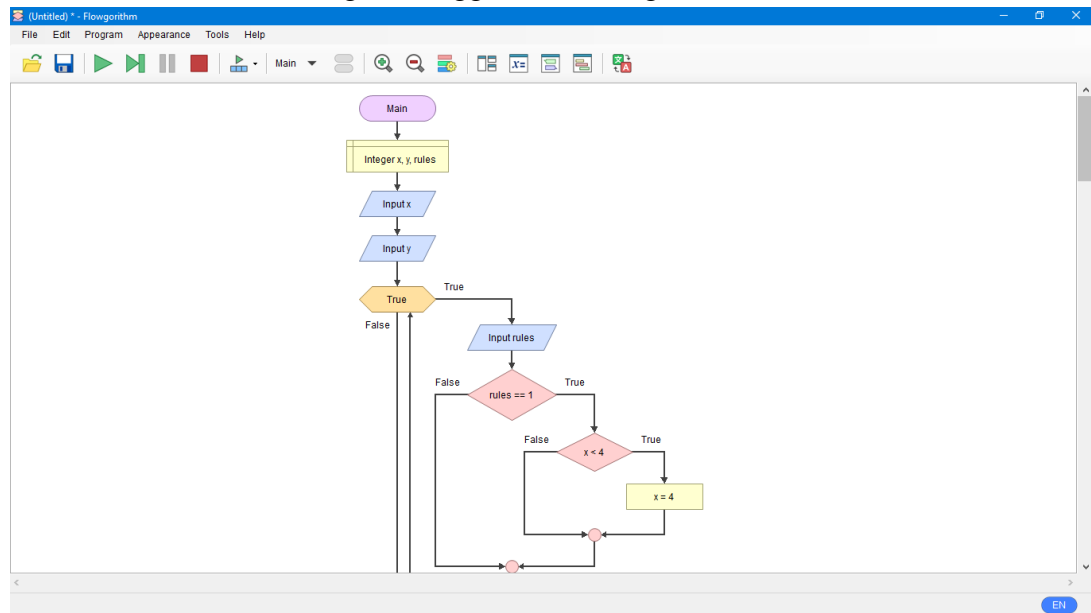
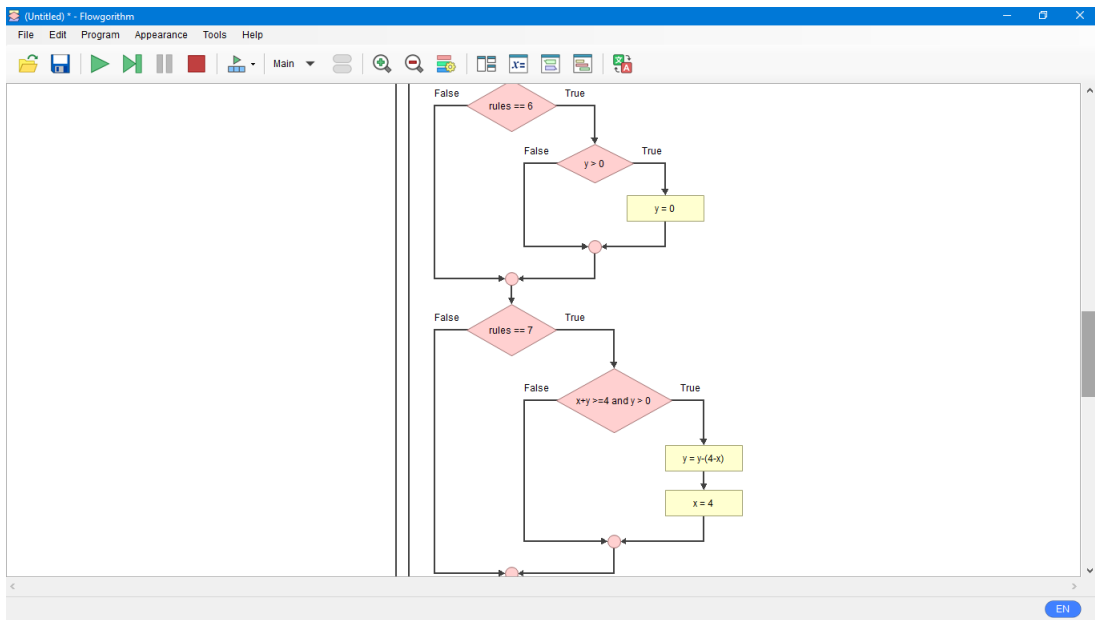
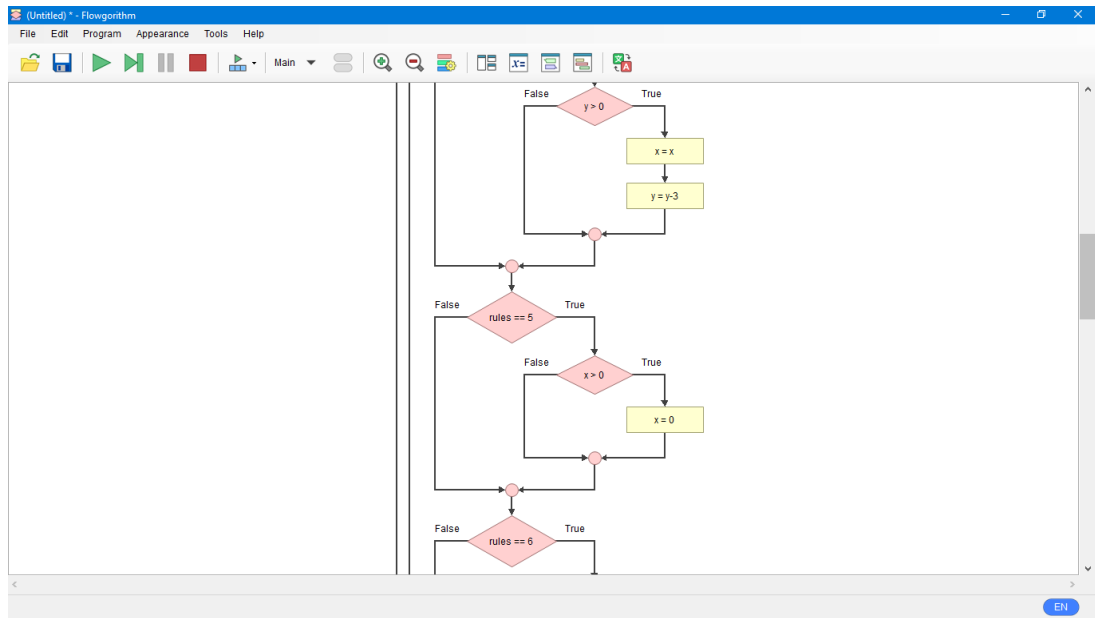


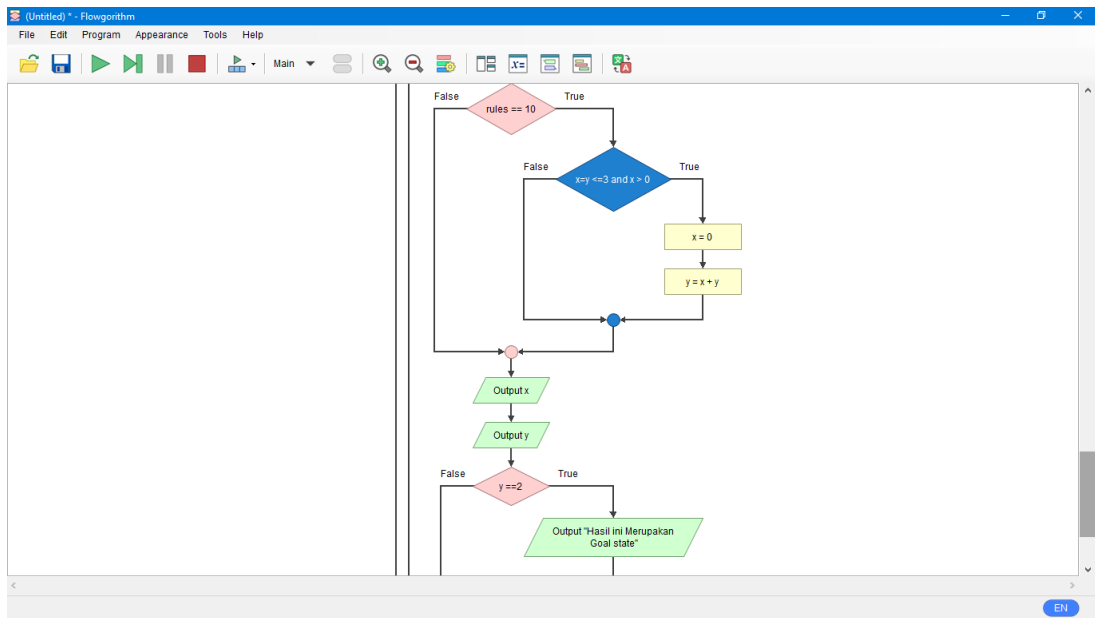
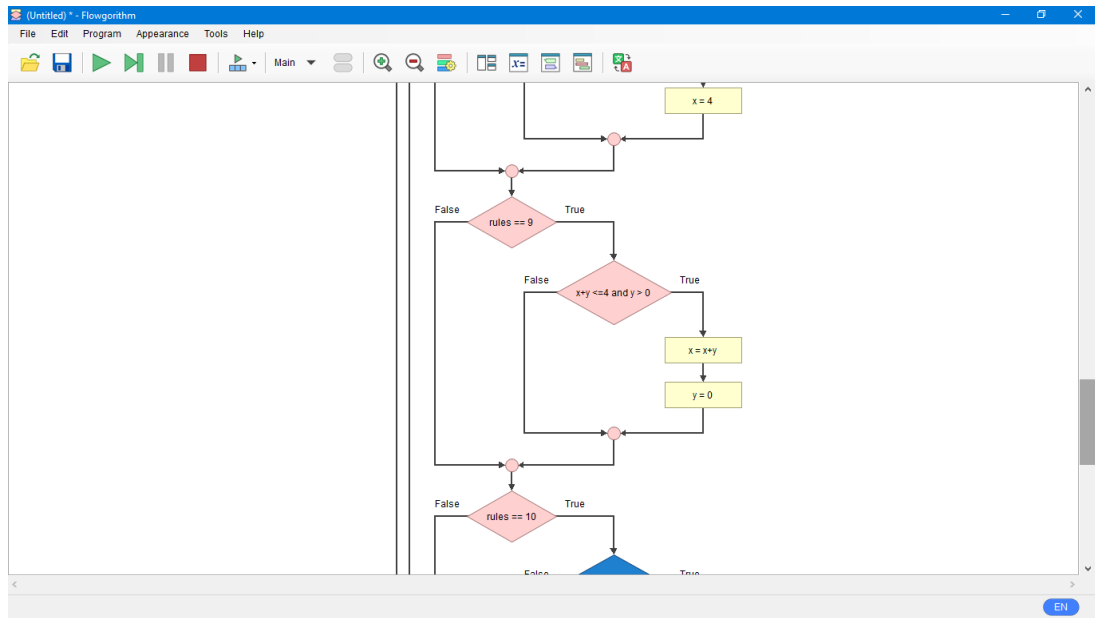
NAMA : GUSLINA TRI SANTIKA  
NIM : 20.01.013.049  
KELAS : ARTIFICIAL INTELLIGENCE – 3B

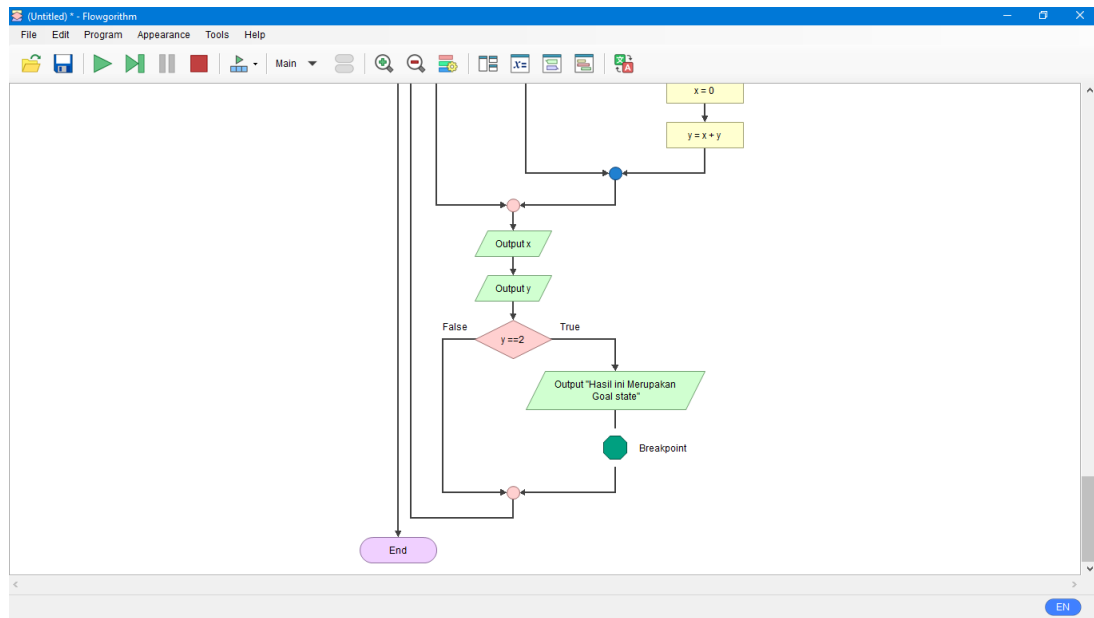
### TUGAS INDIVIDU III

1. Buatlah flowchart diatas dengan menggunakan flowgarithm.

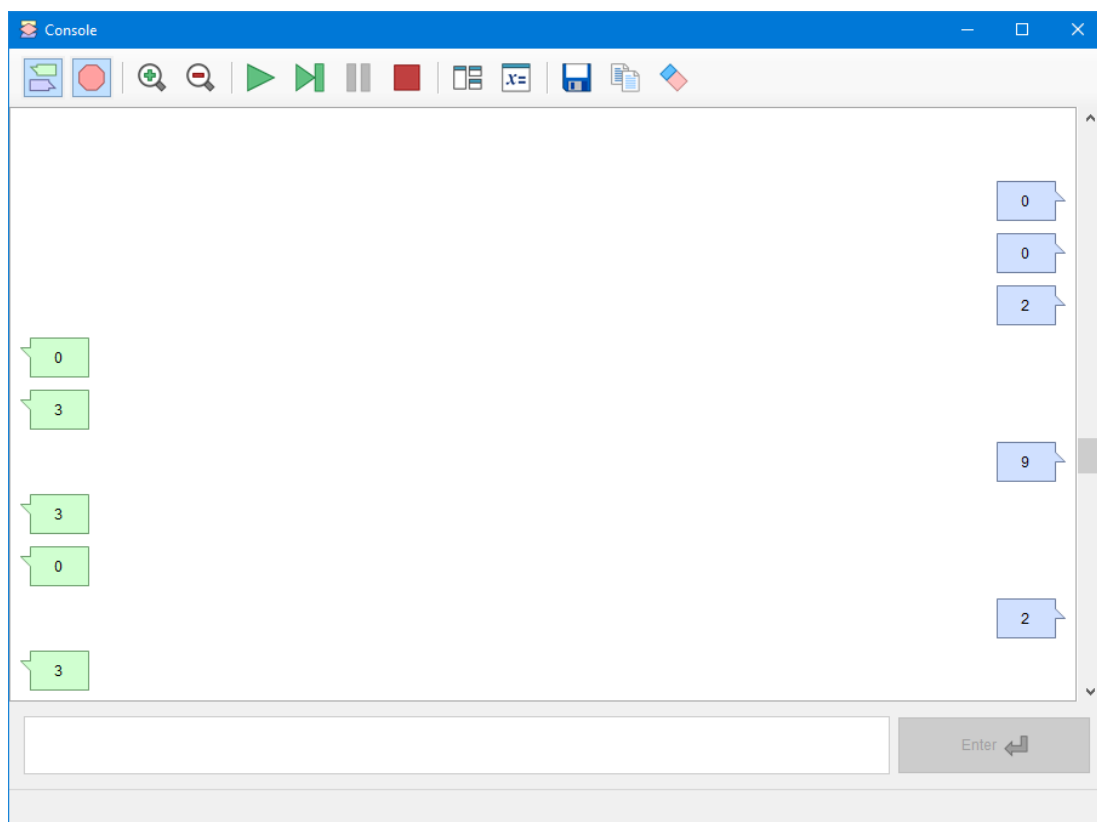


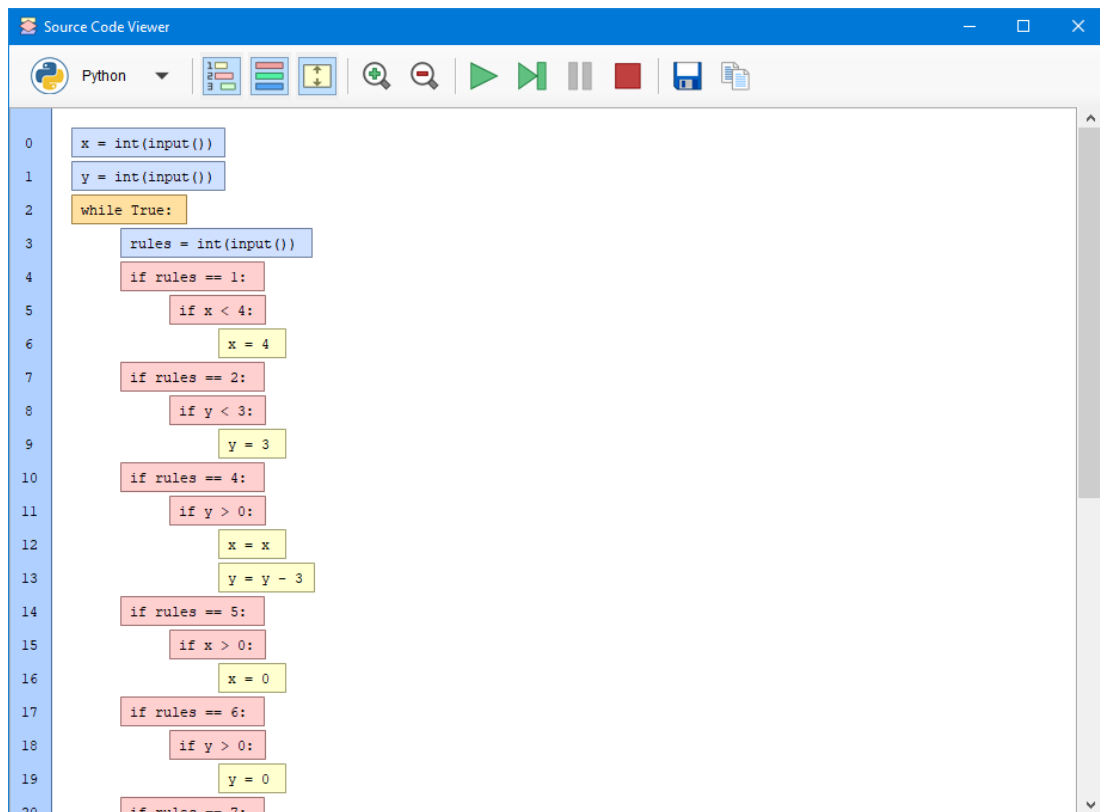
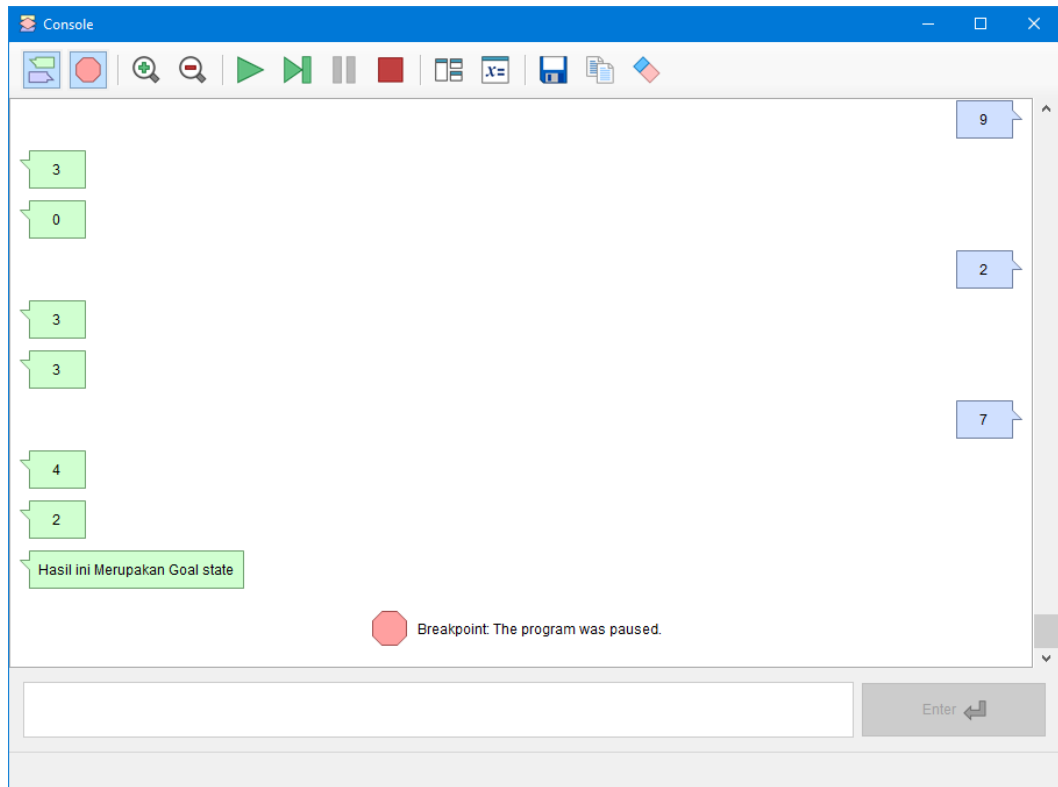


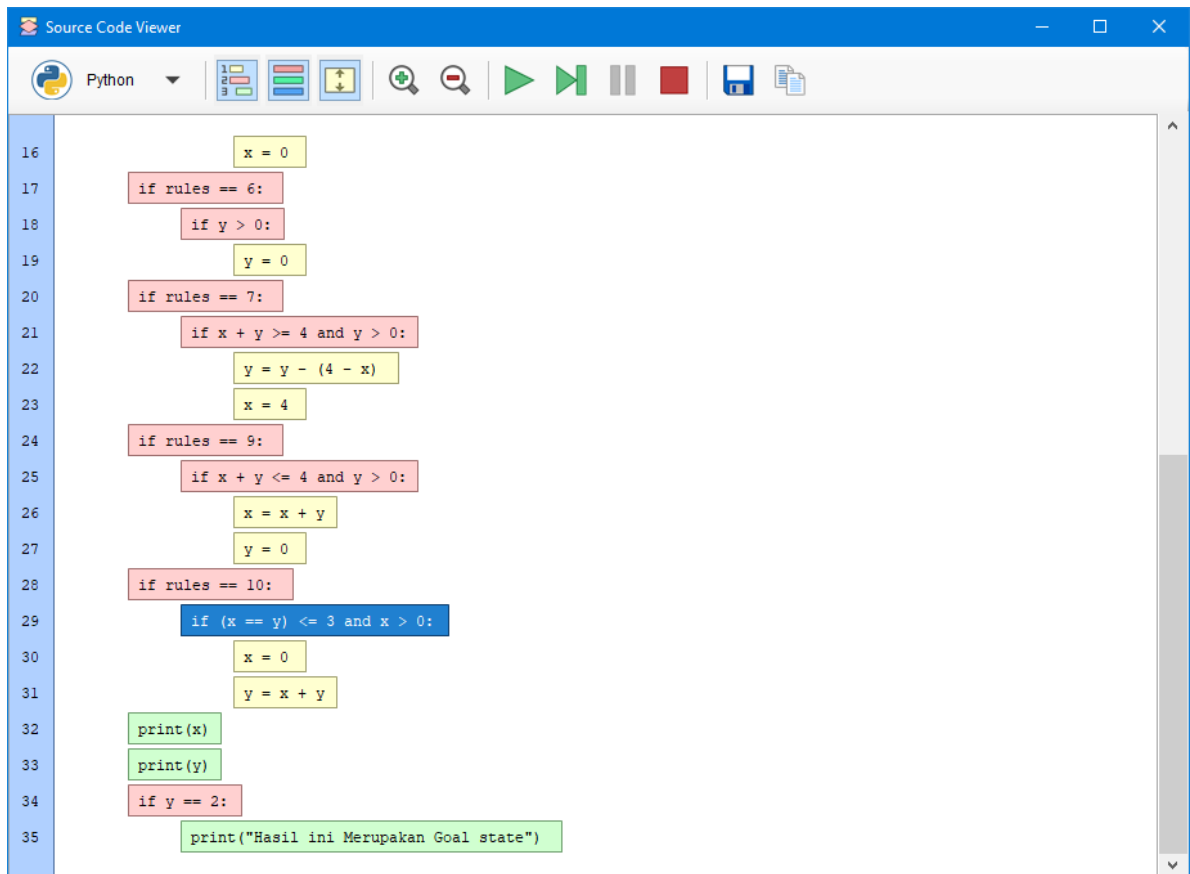




2. Dijalankan seperti dibawah ini dan sampai menemukan solusi.

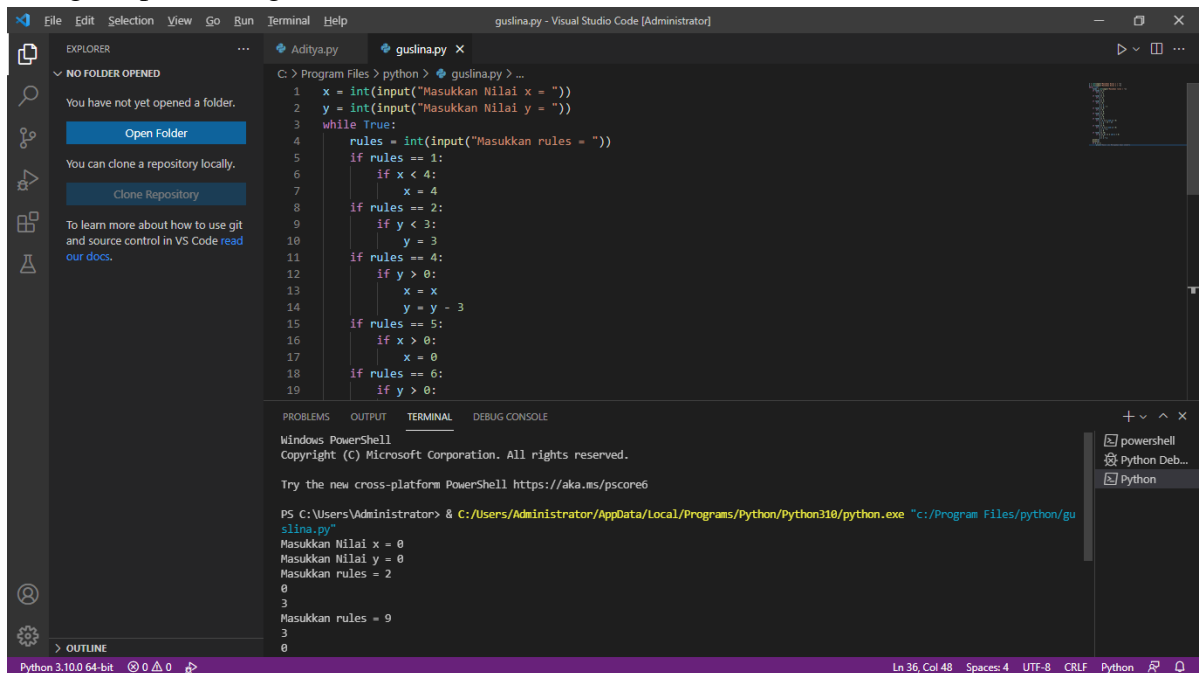






```
16         x = 0
17     if rules == 6:
18         if y > 0:
19             y = 0
20     if rules == 7:
21         if x + y >= 4 and y > 0:
22             y = y - (4 - x)
23             x = 4
24     if rules == 9:
25         if x + y <= 4 and y > 0:
26             x = x + y
27             y = 0
28     if rules == 10:
29         if (x == y) <= 3 and x > 0:
30             x = 0
31             y = x + y
32     print(x)
33     print(y)
34     if y == 2:
35         print("Hasil ini Merupakan Goal state")
```

### 3. Ulang SC pada flowgarithmke Vs-code.



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

Windows PowerShell  
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Program Files/python/guslina.py"
Masukkan Nilai x = 0
Masukkan Nilai y = 0
Masukkan rules = 2
0
3
Masukkan rules = 9
3
0
```

