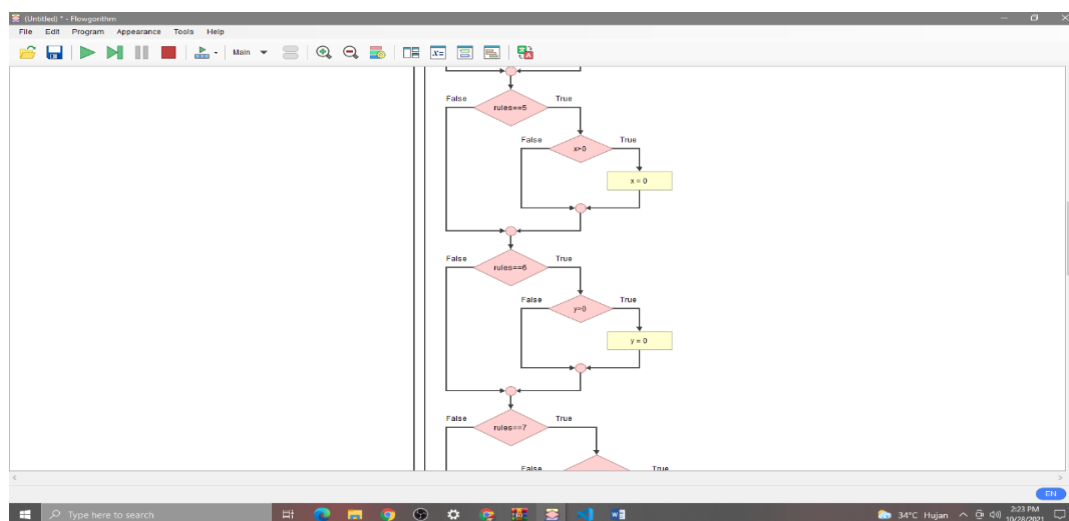
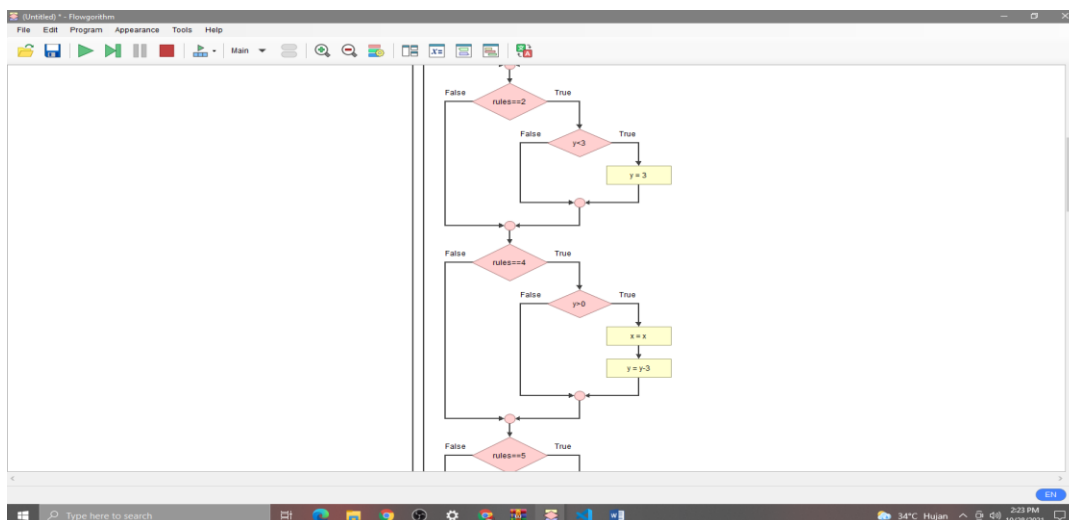
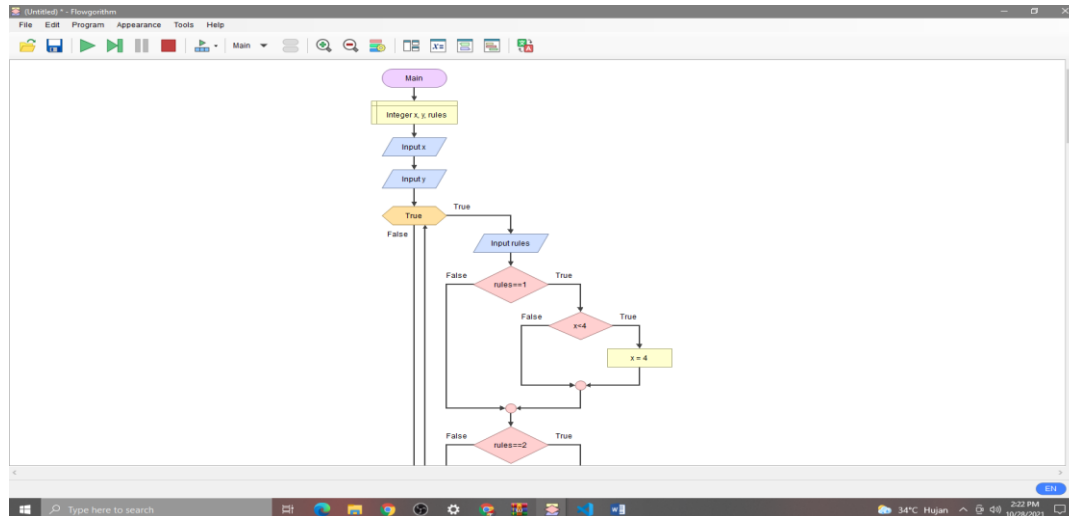


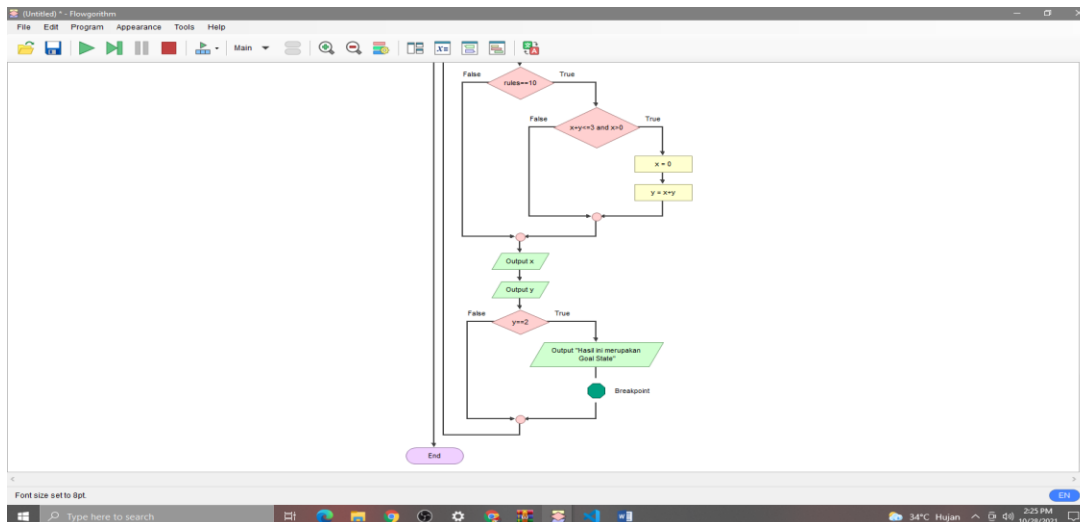
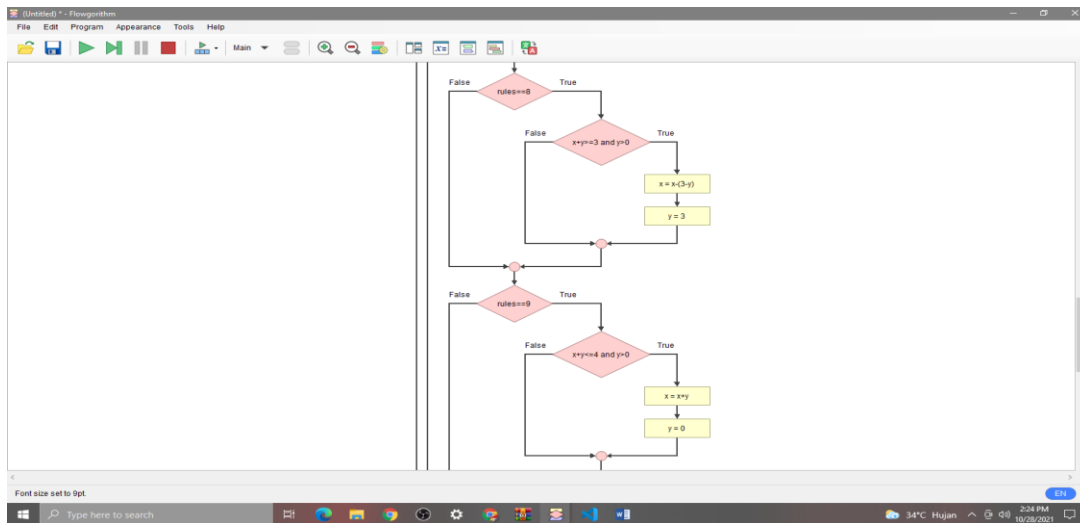
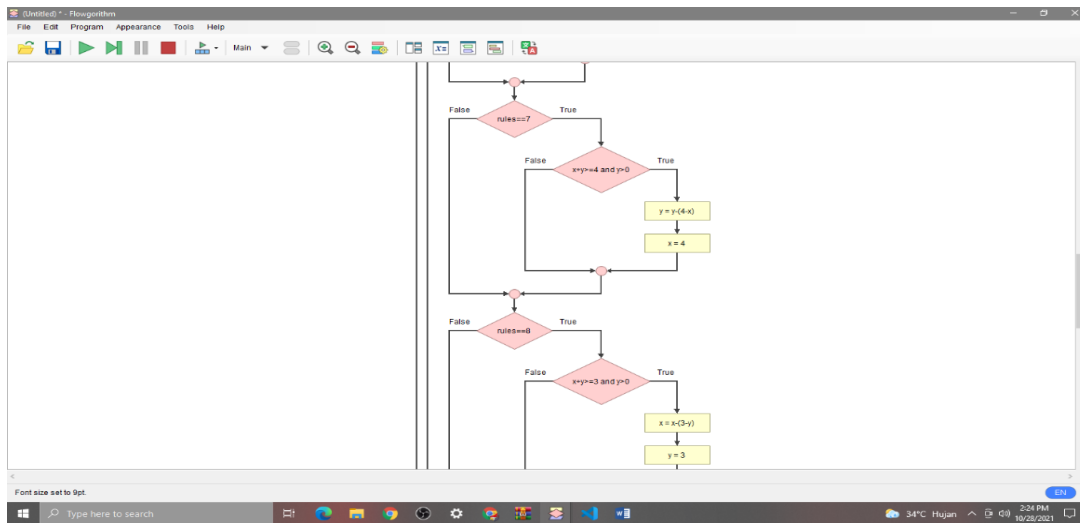
Nama : ADITYA FA'ATHIR B.

NIM : 20.01.013.035

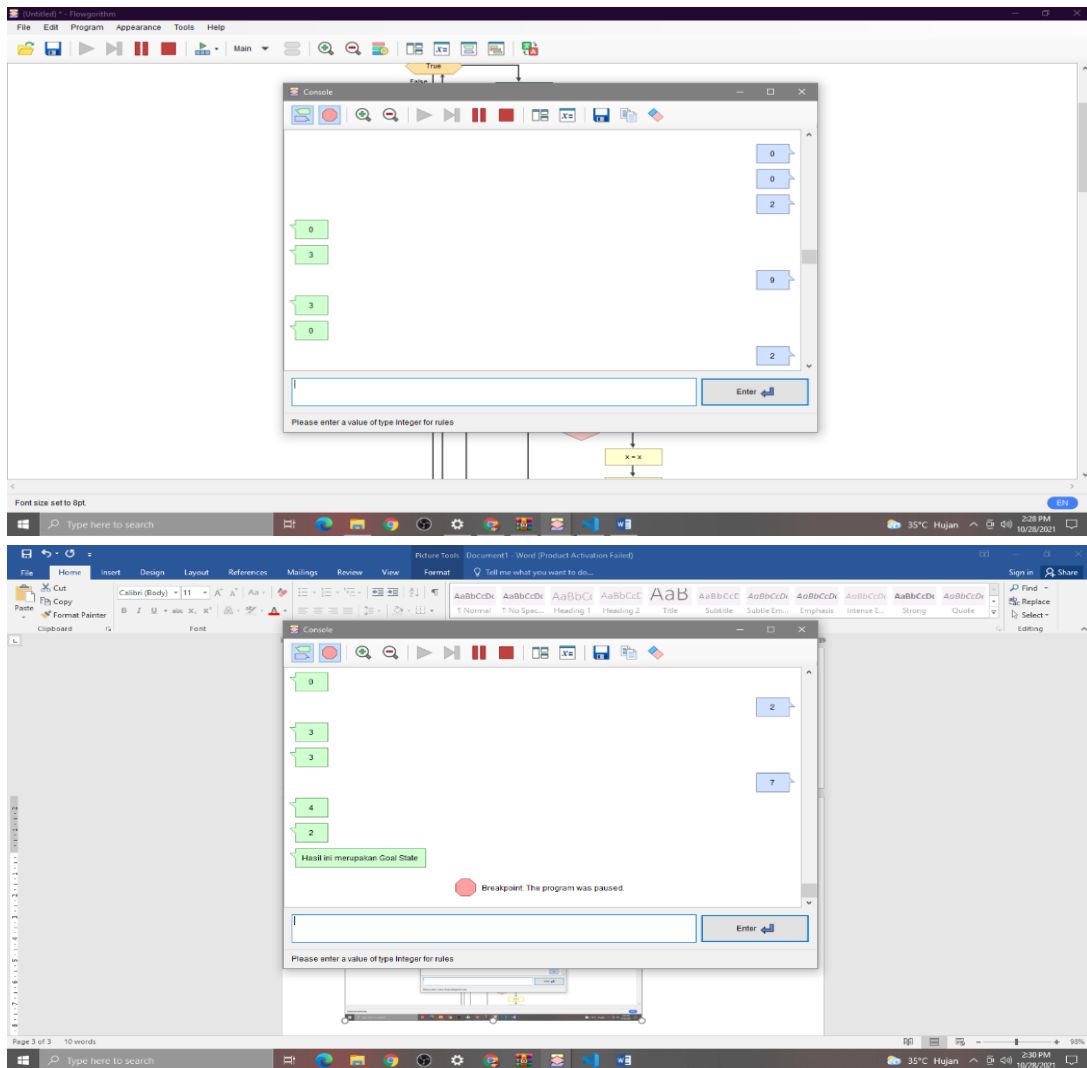
Kelas : AI B

1. Buatlah flowchart diatas dengan menggunakan flowgorithm.

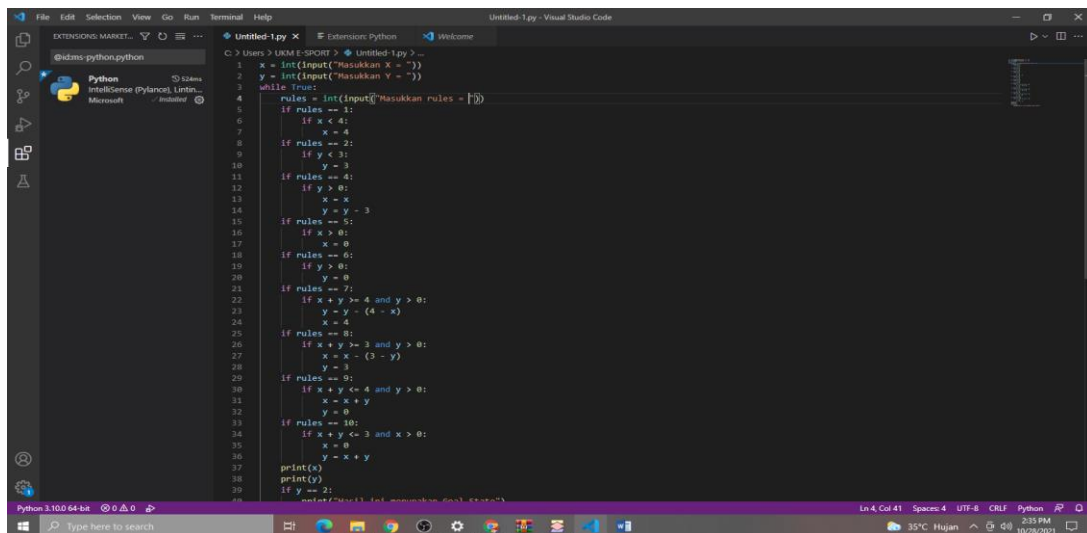


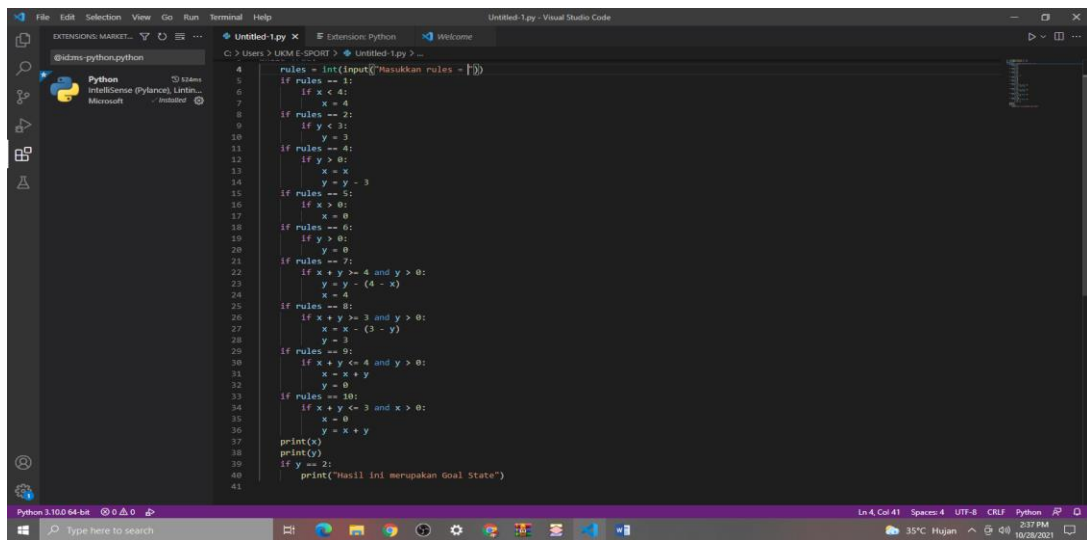


2. Kita bisa jalankan seperti di bawah ini dan sampai menemukan solusi.



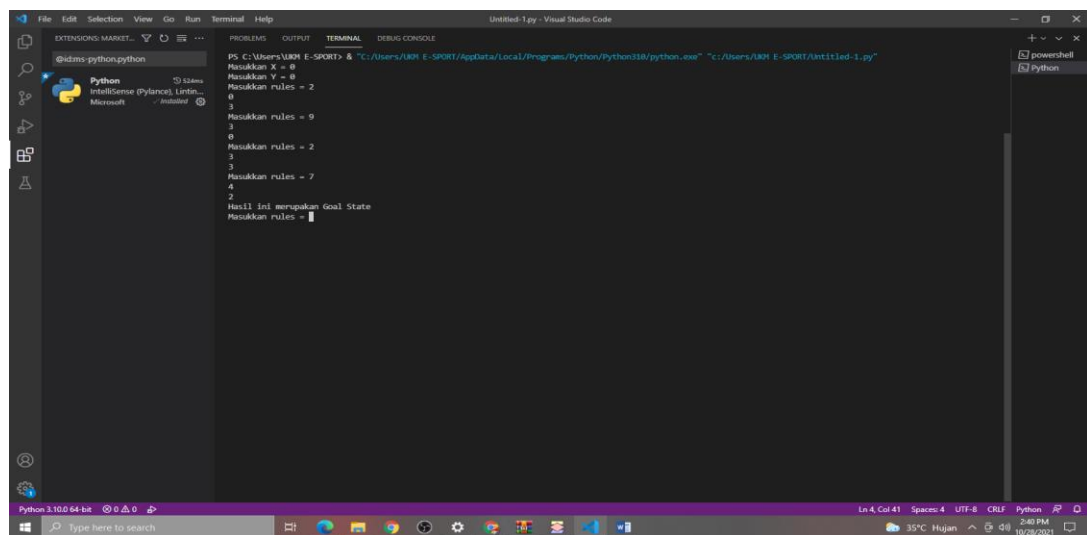
3. Kemudian kita bisa ketik ulang SC pada flowgorithm ke VS-CODE.





```
4 rules = int(input("Masukkan rules = "))
5
6 if rules == 1:
7     if x < 4:
8         x = 4
9
10    if rules == 2:
11        if y < 3:
12            y = 3
13
14    if rules == 4:
15        if y > 0:
16            x = x
17            y = y - 3
18
19    if rules == 5:
20        if x > 0:
21            y = 0
22
23    if rules == 7:
24        if x + y >= 4 and y > 0:
25            y = y - (4 - x)
26            x = 4
27
28    if rules == 8:
29        if x + y >= 3 and y > 0:
30            x = x - (3 - y)
31            y = 3
32
33    if rules == 9:
34        if x + y <= 4 and y > 0:
35            x = x + y
36            y = 0
37
38    if rules == 10:
39        if x + y <= 3 and x > 0:
40            x = 0
41            y = x + y
42
43    print(x)
44    print(y)
45    if y == 2:
46        print("Hasil ini merupakan Goal State")
47
```

Dan beginilah bentuk outputnya



```
PS C:\Users\URM E-SPORT> "C:\Users\URM E-SPORT\AppData\Local\Programs\Python\Python310\python.exe" "C:\Users\URM E-SPORT\untitled-1.py"
Masukkan X = 0
Masukkan Y = 0
Masukkan rules = 2
0
3
Masukkan rules = 9
3
Masukkan rules = 2
3
Masukkan rules = 7
4
Masl ini merupakan Goal State
Masukkan rules =
```