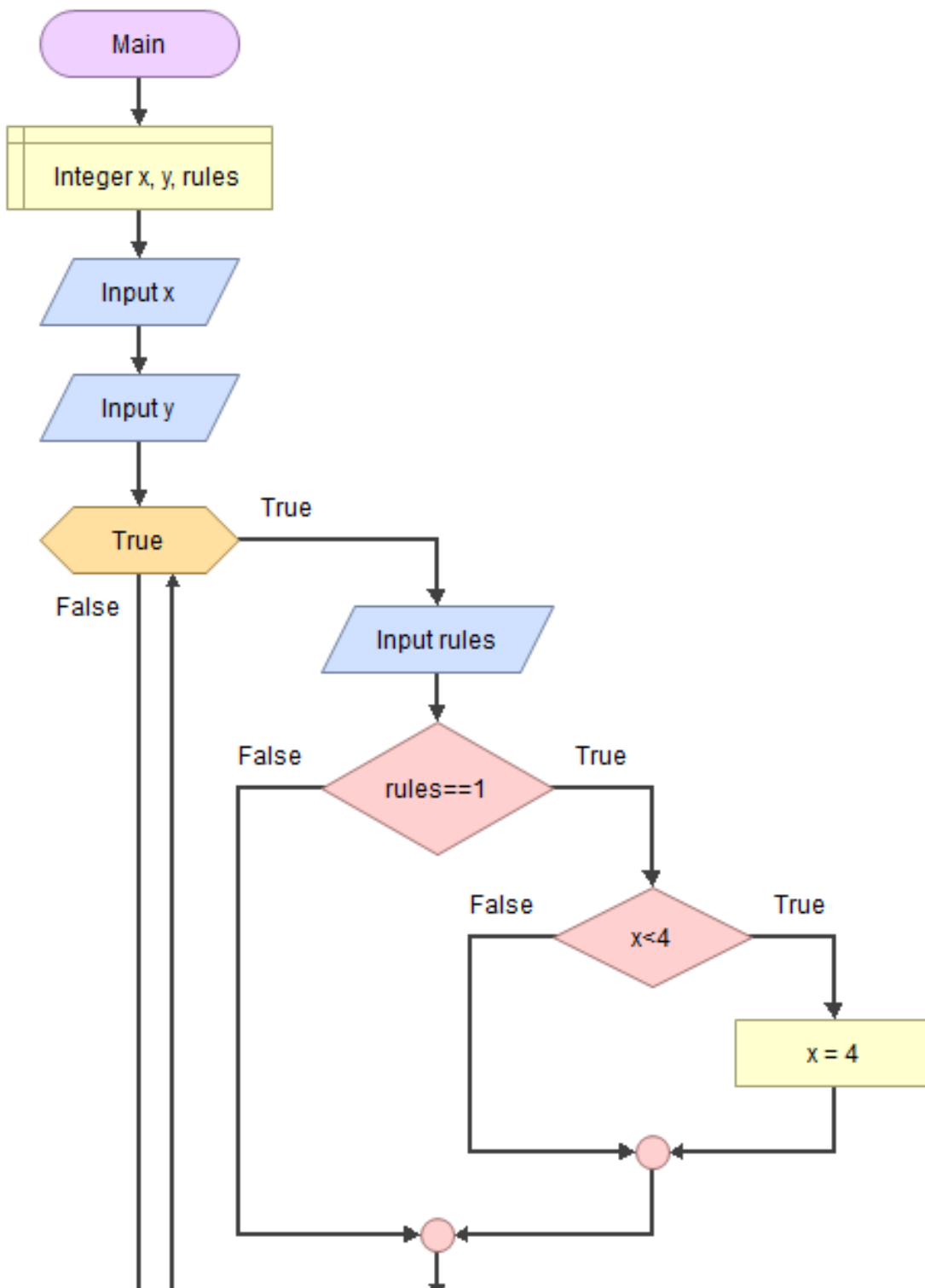
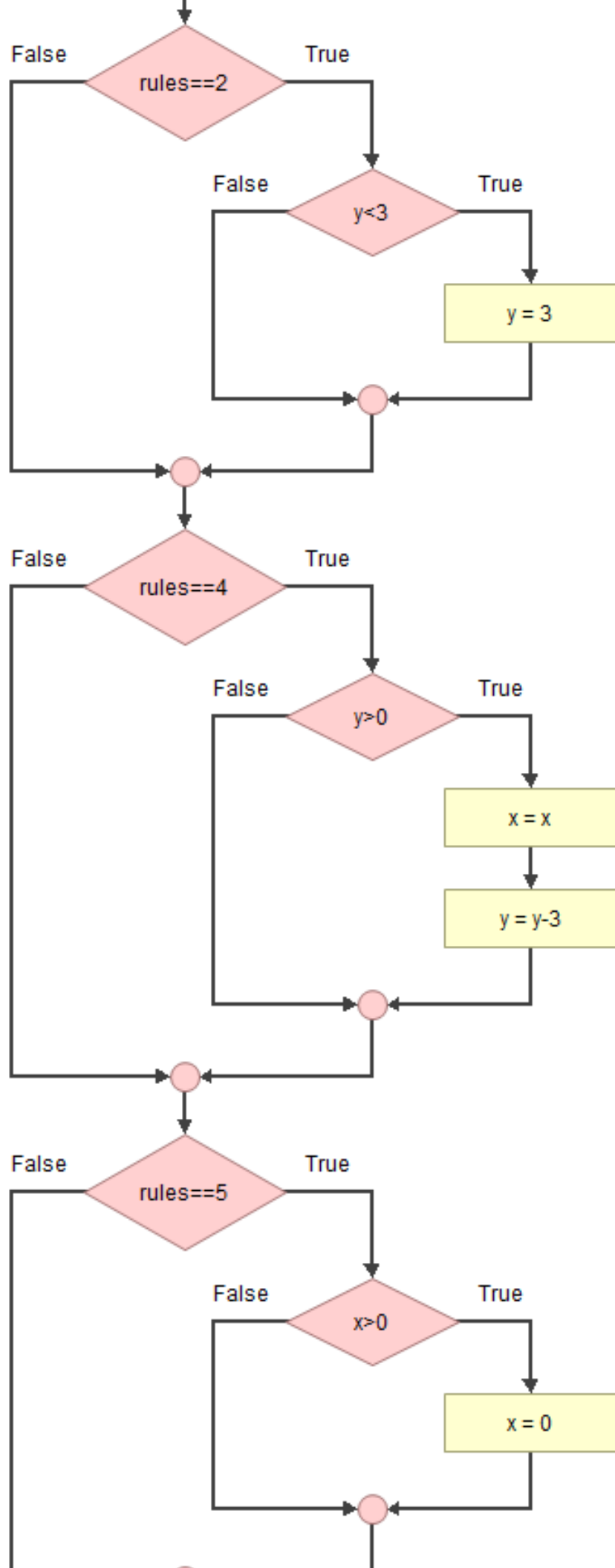


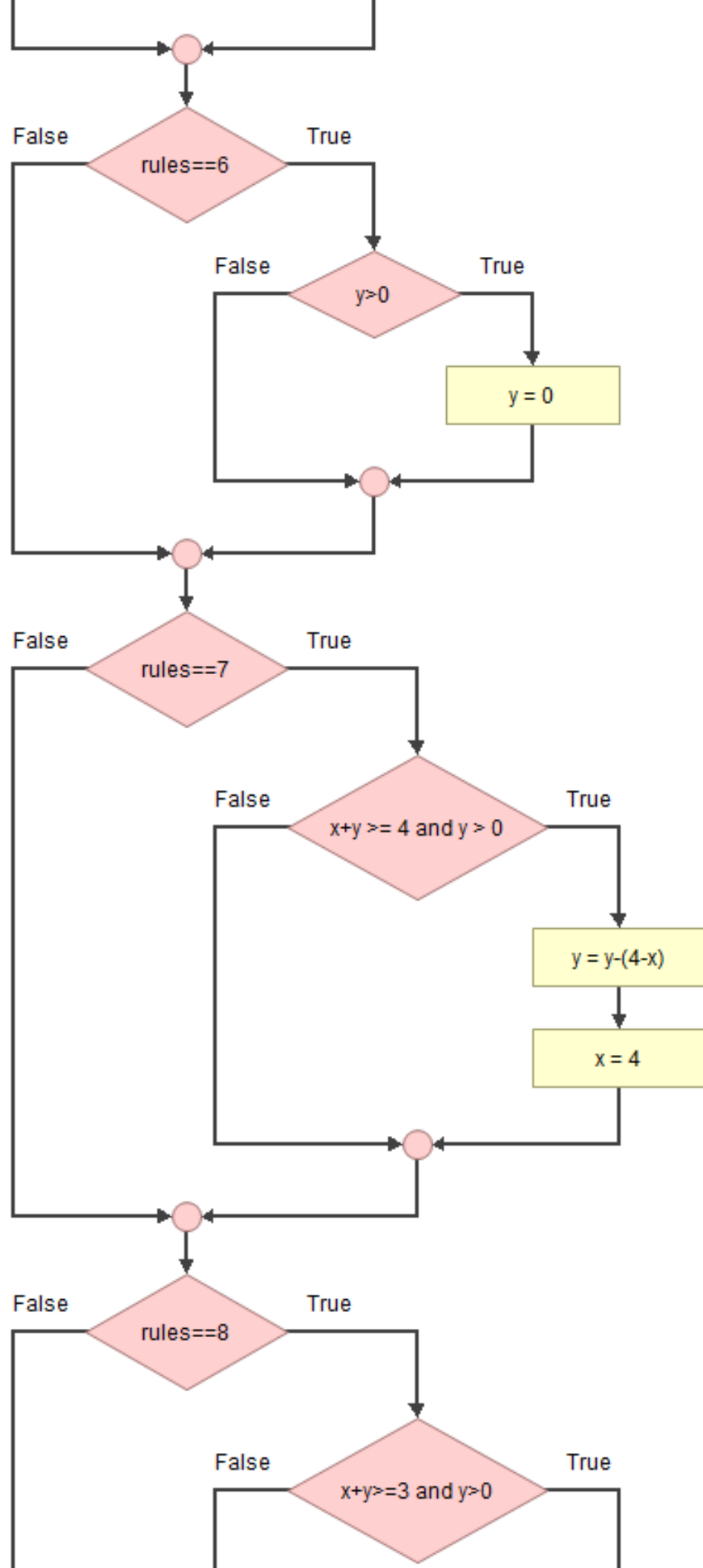
Praktikum III

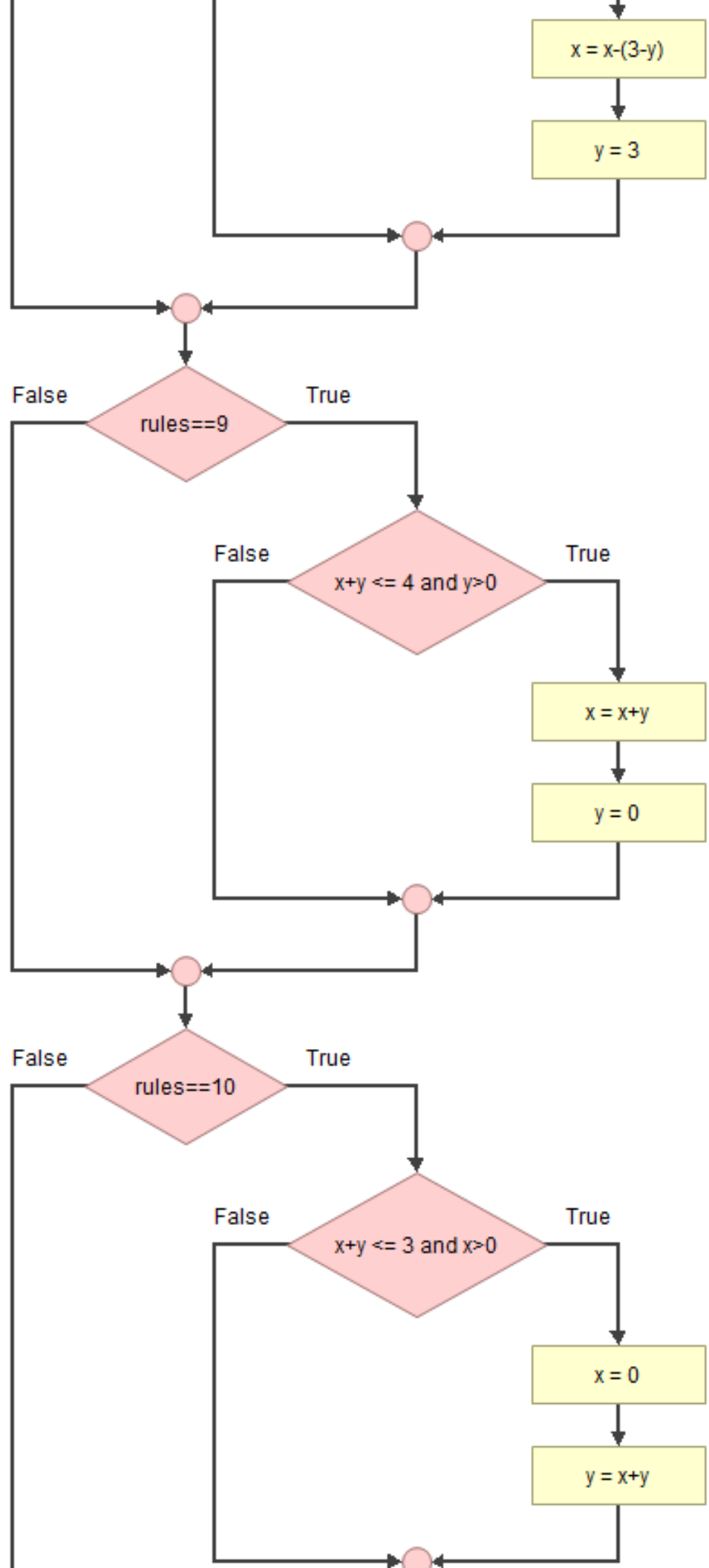
Flowchat penyelesaian masalah wadah $x=4$ kg dan $y=3$ kg. denan goal $y=2$

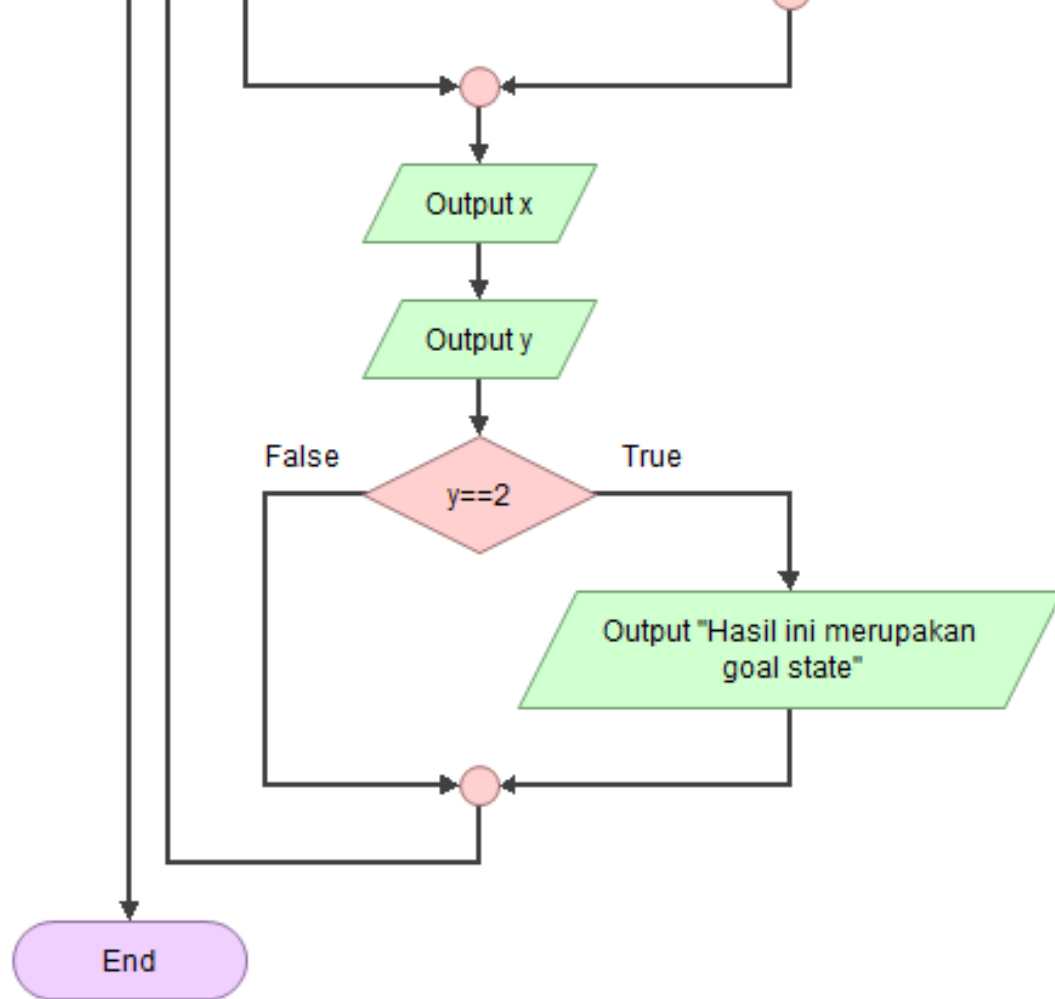
1. Buatlah flowchat diatas dengan menggunakan flowgorithm











2. Jalakan kemudian di jalankan seperti di bawah ini dan sampai menemukan solusi.



3. Kemudian ketik ulang SC pada flowgorithm ke Vs- code.

```
x = int(input())
y = int(input())
while True:
    rules = int(input())
    if rules == 1:
        if x < 4:
            x = 4
    if rules == 2:
        if y < 3:
            y = 3
    if rules == 4:
        if y > 0:
            x = x
            y = y - 3
    if rules == 5:
        if x > 0:
            x = 0
    if rules == 6:
        if y > 0:
            y = 0
    if rules == 7:
        if x + y >= 4 and y > 0:
            y = y - (4 - x)
            x = 4
    if rules == 8:
        if x + y >= 3 and y > 0:
            x = x - (3 - y)
            y = 3
    if rules == 9:
        if x + y <= 4 and y > 0:
            x = x + y
            y = 0
    if rules == 10:
        if x + y <= 3 and x > 0:
            x = 0
            y = x + y
    print(x)
    print(y)
    if y == 2:
        print("Hasil ini merupakan goal state")
```