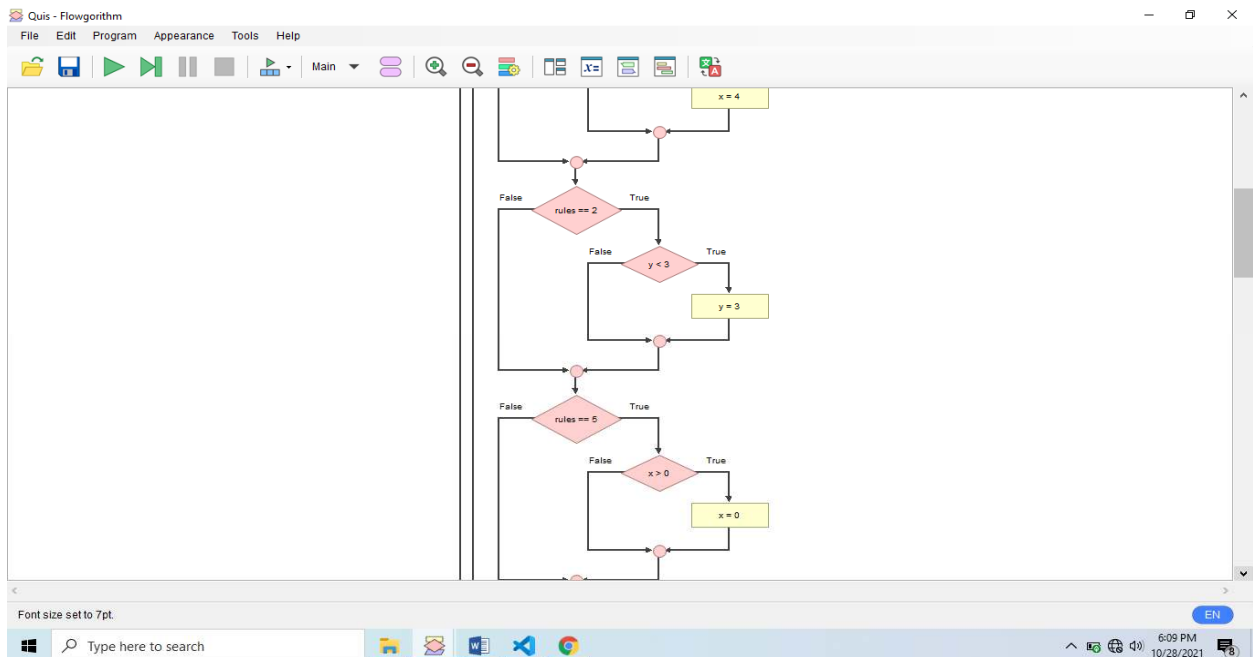
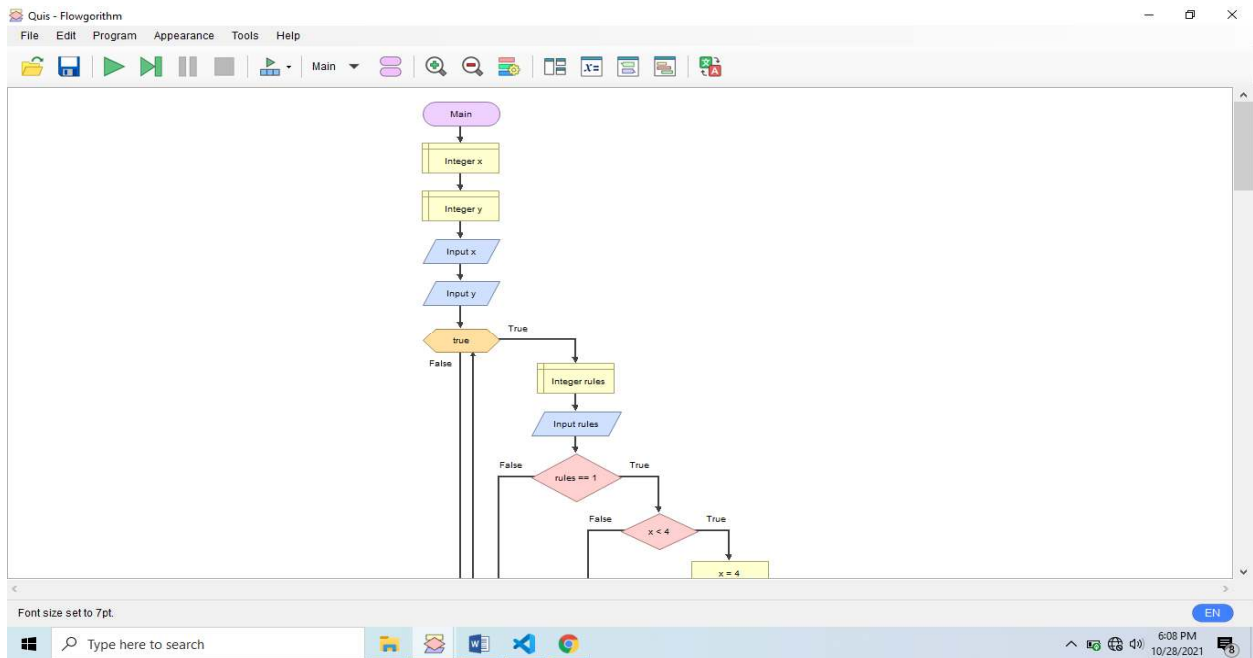
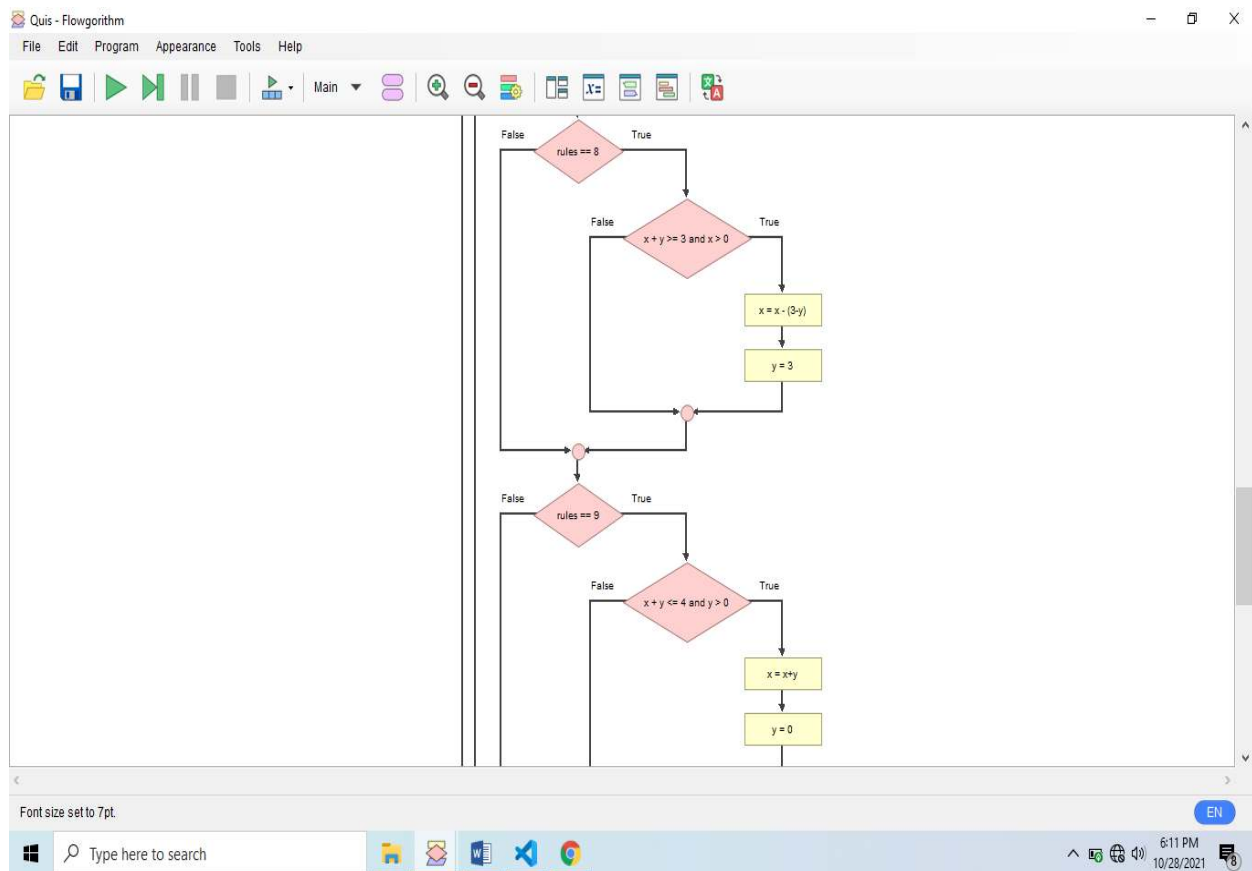
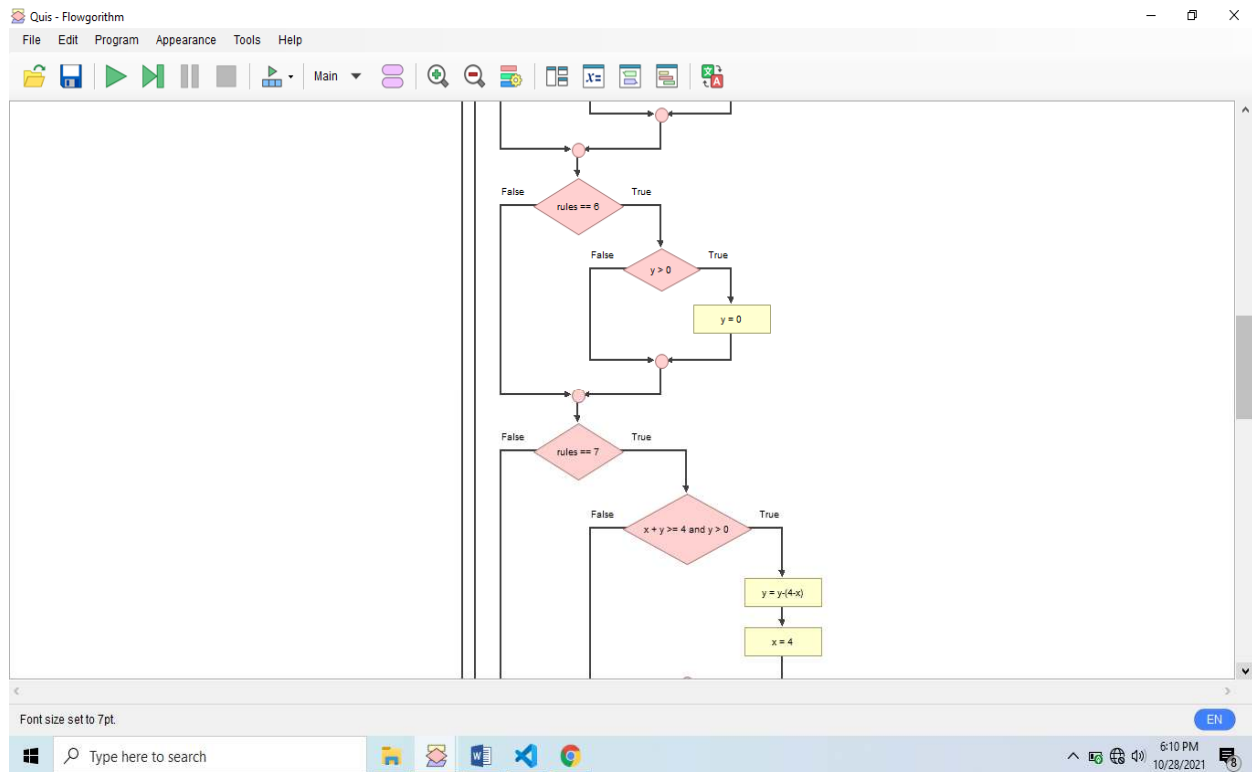
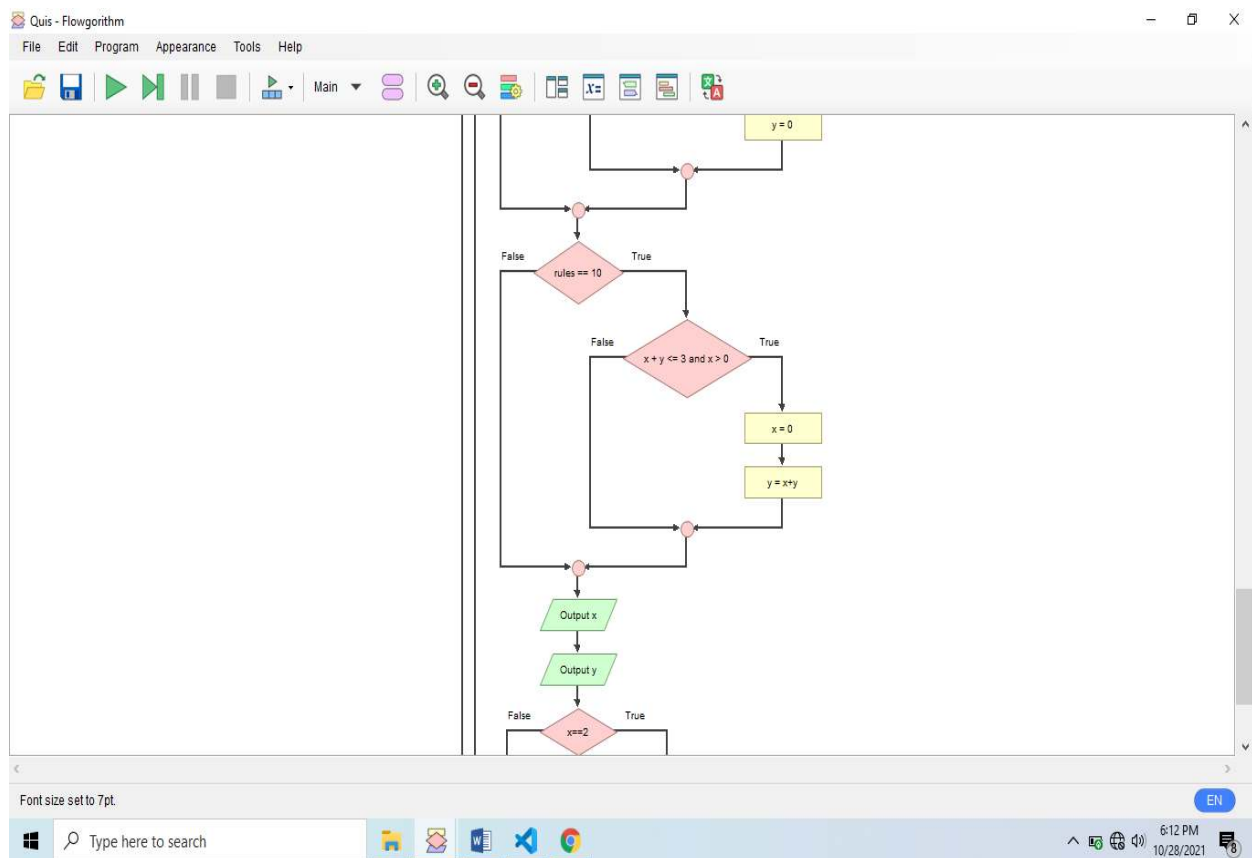
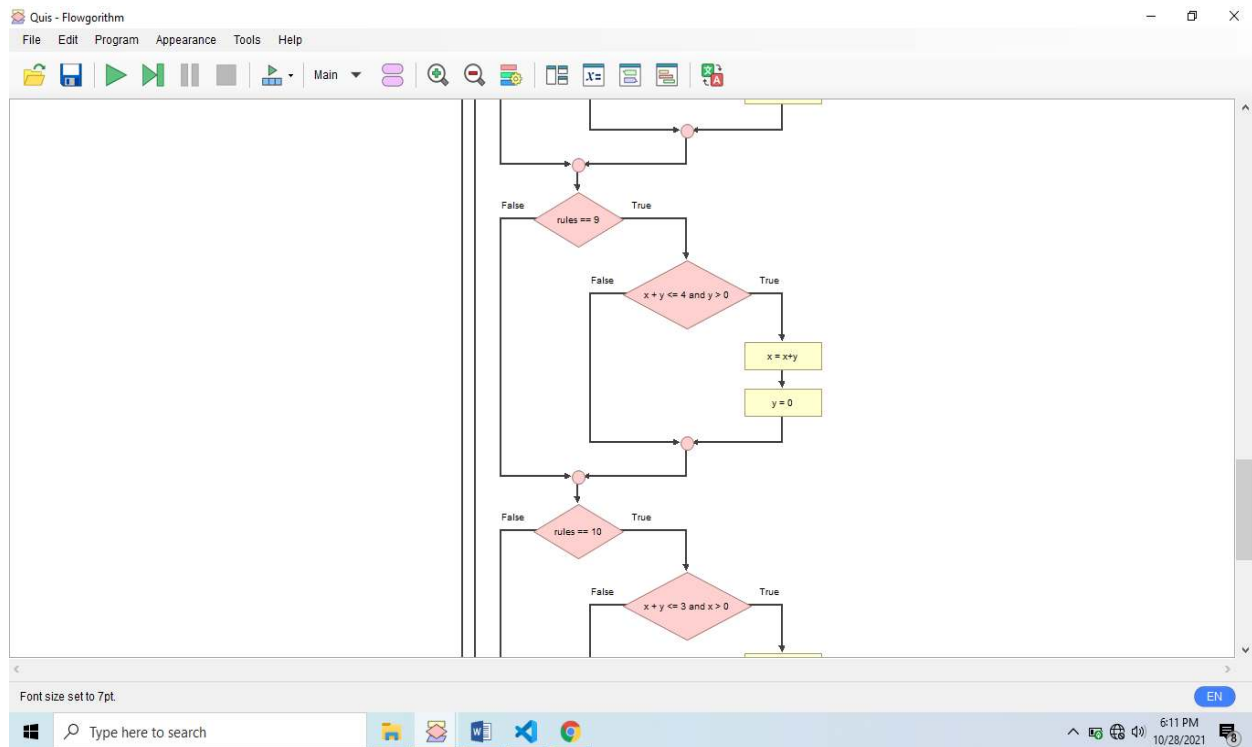


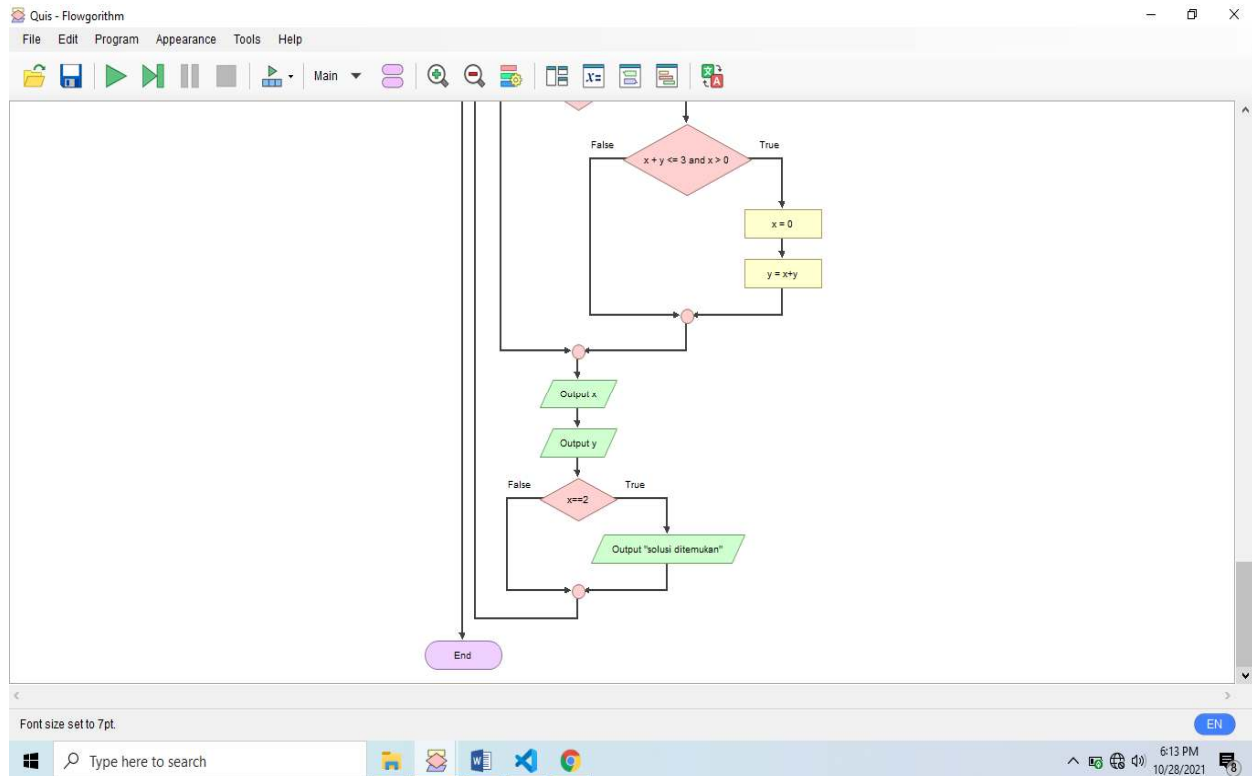
NAMA : NURMALA
NIM : 20.01.013.069
PRODI : TEKNIK INFORMATIKA

➤ PRATIKUM III FLOWGORITHM









Source Code Viewer showing Python code implementing the logic from the flowchart.

```

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 == 5:
11         if x > 0:
12             x = 0
13     if rules == 6:
14         if y > 0:
15             y = 0
16     if rules == 7:
17         if x + y >= 4 and y > 0:
18             y = y - (4 - x)
19             x = 4
20     if rules == 8:
21         if x + y >= 3 and x > 0:
22             x = x - (3 - y)
  
```

Source Code Viewer

```
14     if y > 0:
15         y = 0
16     if rules == 7:
17         if x + y >= 4 and y > 0:
18             y = y - (4 - x)
19             x = 4
20     if rules == 8:
21         if x + y >= 3 and x > 0:
22             x = x - (3 - y)
23             y = 3
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 x == 2:
35         print("solusi ditemukan")
```

Type here to search

6:15 PM 10/28/2021

Console

```
0
3
3
0
3
3
4
```

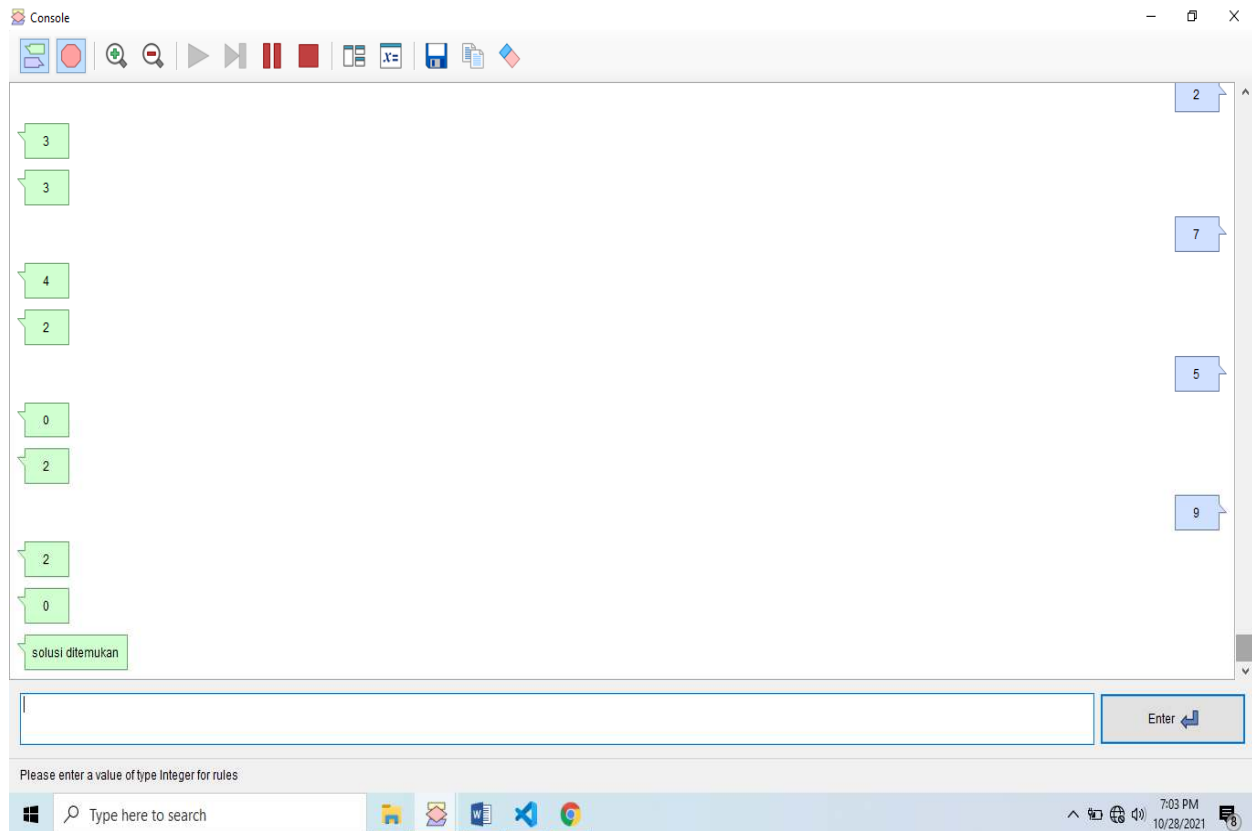
0
0
2
9
2
7

Enter

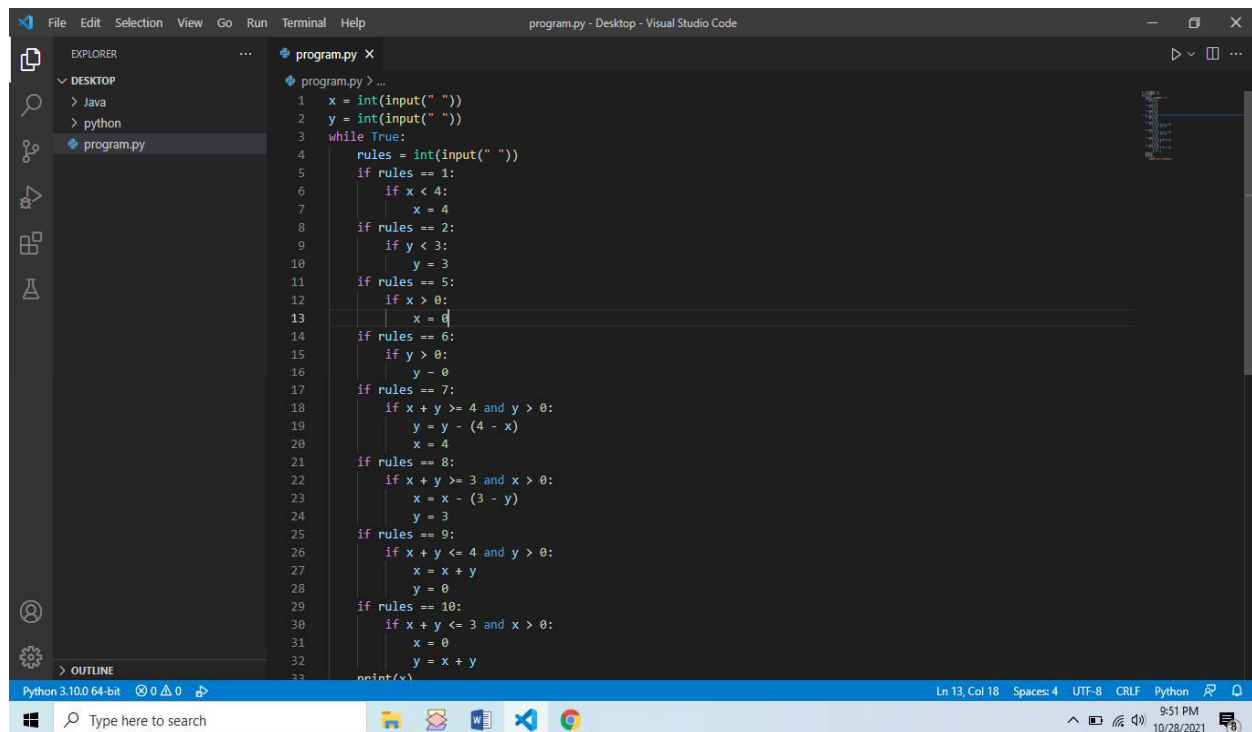
Please enter a value of type Integer for rules

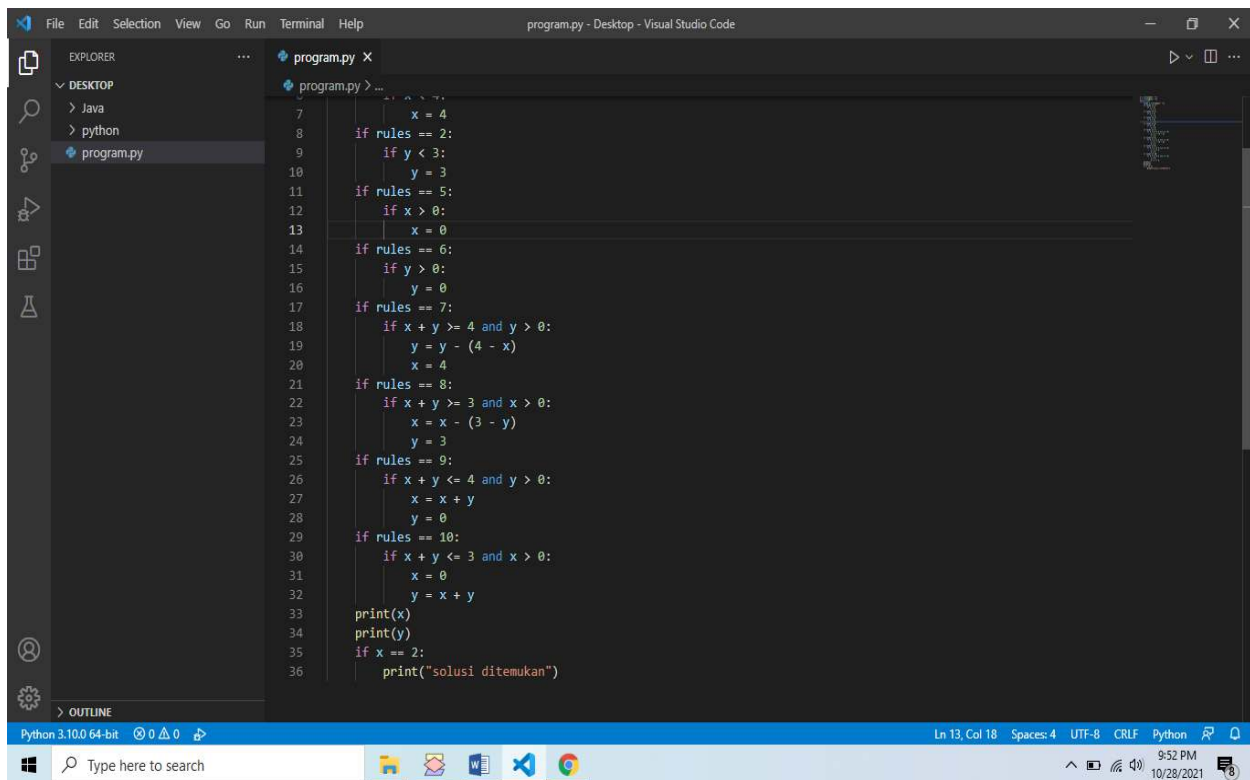
Type here to search

7:03 PM 10/28/2021

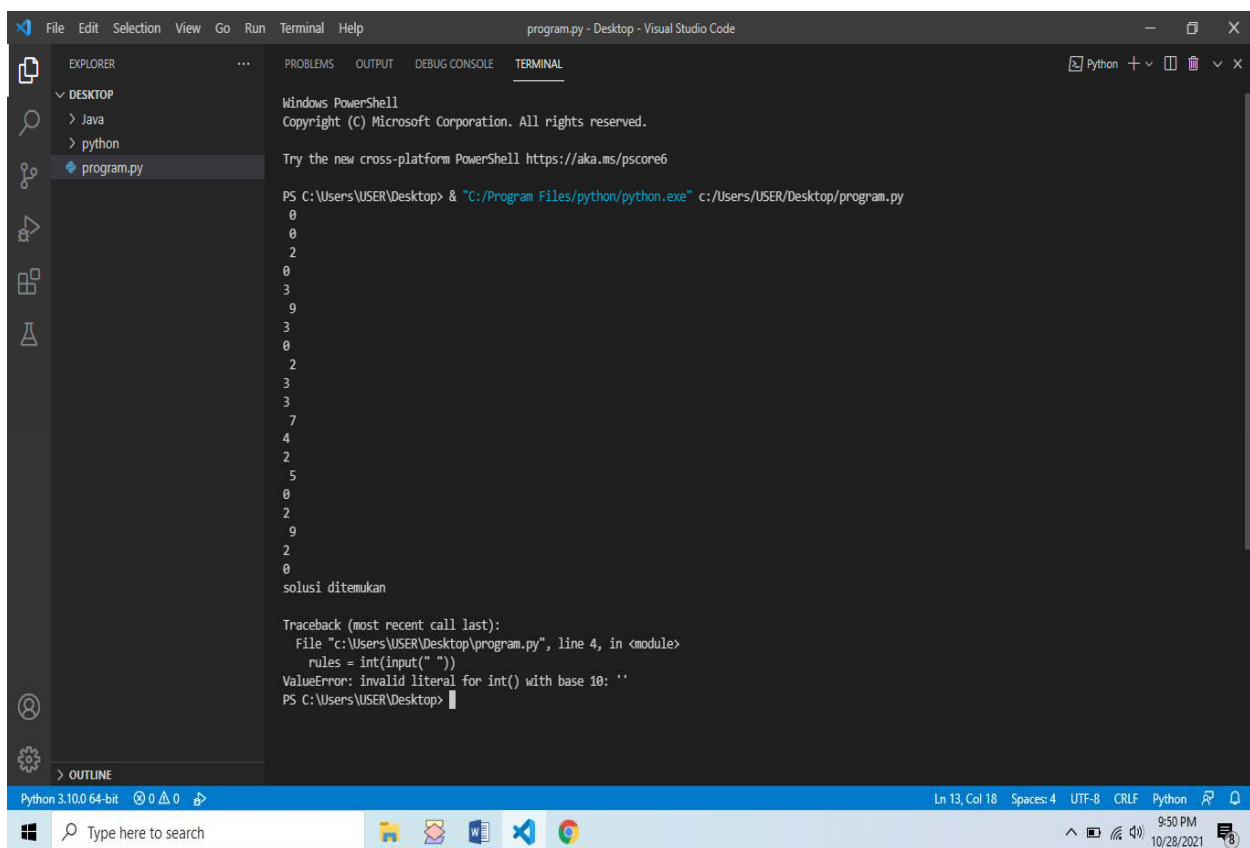


➤ SC DALAM BENTUK VS-CODE





```
7 x = 4
8 if rules == 2:
9     if y < 3:
10        y = 3
11 if rules == 5:
12     if x > 0:
13        x = 0
14 if rules == 6:
15     if y > 0:
16        y = 0
17 if rules == 7:
18     if x + y >= 4 and y > 0:
19        y = y - (4 - x)
20        x = 4
21 if rules == 8:
22     if x + y >= 3 and x > 0:
23        x = x - (3 - y)
24        y = 3
25 if rules == 9:
26     if x + y <= 4 and y > 0:
27        x = x + y
28        y = 0
29 if rules == 10:
30     if x + y <= 3 and x > 0:
31        x = 0
32        y = x + y
33 print(x)
34 print(y)
35 if x == 2:
36     print("solusi ditemukan")
```



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

PS C:\Users\USER\Desktop> & "C:/Program Files/python/python.exe" c:/Users/USER/Desktop/program.py
0
0
2
0
3
9
3
0
2
3
7
4
2
5
0
2
9
2
0
solusi ditemukan

Traceback (most recent call last):
  File "c:/Users/USER/Desktop/program.py", line 4, in <module>
    rules = int(input(" "))
ValueError: invalid literal for int() with base 10: ''
PS C:\Users\USER\Desktop>
```

