Problem: 11
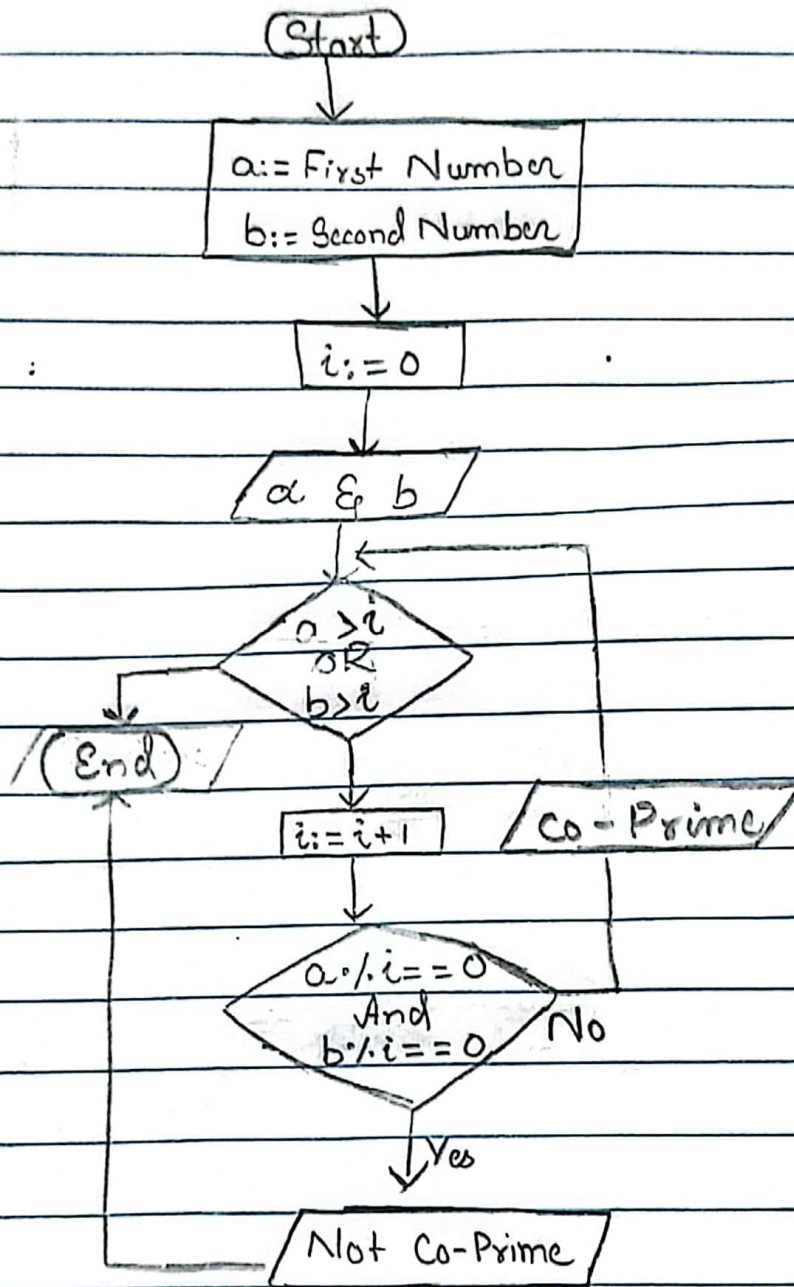
JPO

Input: Enter the two Number

Process:

While (asi and bsi)

a divide by i then, check the remindor is, zero, and b divide by i then check the remi is zero then it it, Not Co-Prime Number.

Else

Number is Co-Prime Number.

Output: Co-Prime or Not.

```
                    ( Start )
                        │
                        ▼
            ┌───────────────────────┐
            │  a := First Number    │
            │  b := Second Number   │
            └───────────────────────┘
                        │
                        ▼
                 ┌──────────┐
                 │  i := 0  │
                 └──────────┘
                        │
                        ▼
                  / a & b /
                        │
                        ▼
                   ◇ a > i
                     OR
                     b > i ◇
            │                      │
            ▼                      ▼
        ( End )              ┌──────────┐      / Co-Prime /
                             │ i := i+1 │
                             └──────────┘
                                  │
                                  ▼
                             ◇ a % i == 0
                                And          No
                               b % i == 0 ◇
                                  │
                                  │ Yes
                                  ▼
                          / Not Co-Prime /
```

Pseudocode

Start

Input "First Number"

 a=First Number

Input "Second Number"

 b:= Second Number

  i:=1

While (a > i   And   b > i)

  i:=i+1

 If

  a%i==0   And   b%i==0   Then

  Print "Not   Co-prime"

 Else

   Print "Co-Prime"

End while

End