Q11.

Problem 11:-

## Flow Chart

```
                    ( Start )
                        |
                        v
                     / a, b /
                        |
                        v
                  [ i == 2 ]
                        |
                        v
             / a%i==0          Yes
            <    &&        > --------> [ Not a
             \ b%i==0 /                  Co-prime ]
                  |                          |
                 No                          |
                  |                          |
                  v                          |
            [ i = i + 1 ]                    |
                  |                          |
                  v                          |
       No    / i<a                Yes        |
      <----- <  ||        > --------> / Co-prime /
              \ i<b /                      |
                                           v
                                       ( End. )
```
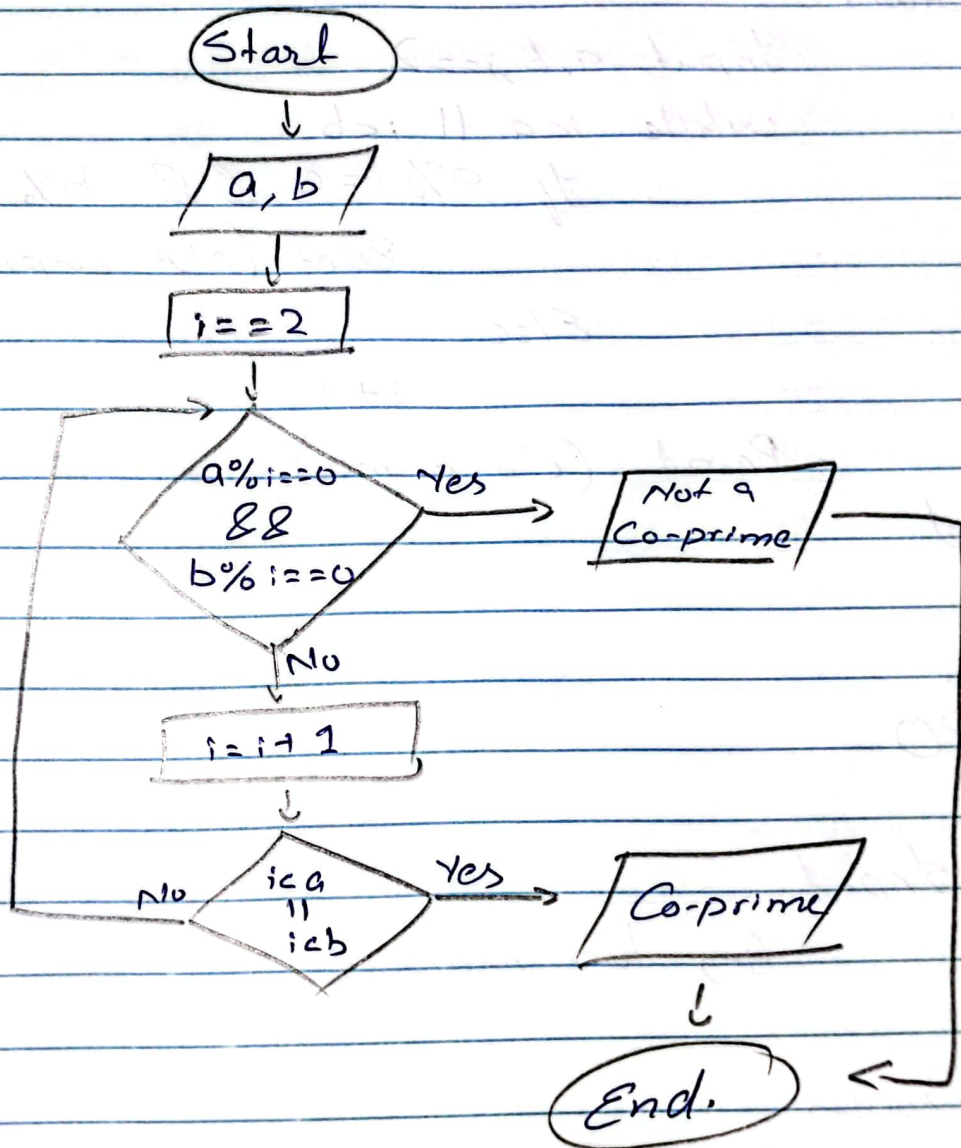
Pseudocode

Start
    Input a, b, i==2
    while i<a || i<b
        If a% i==0 && b% i==0
           Print (Not co-prime)
      Else
          i++
    Print (Co-prime)
End.


IPO:-

    Input
        Any two numbers

    Process
        Find Greatest Common divisor
        For Co-prime GCP must be 1 only

    Output
        Display corprime or not co-prime, accordly
        to condition