|  |  |  |
| --- | --- | --- |
| INPUT | OUTPUT | PROCESSING |
| Input the two numbers | Output whether these number are coprime or not | First use the gcd method  Then find whether a GCD could be divisible by a certain number or not |

**IPO**

**PSEUDOCODE**

Start

Print "input number 1 and 2, receptively (both numbers should not be same)"

Input Num1, Num2

If Num1 > Num2

Then Large = Num1

Small = Num2

Else

Large = Num2

Small = Num1

GCD = Large

Repeat

GCD = Large % GCD

If Remain != 0

Then Last = GCD

End If

Until GCD = 0

i = 0

Repeat

i = i + 1

If GCD % i == 0

Then Print i, "could be obtained from the given combination of 2 volumes"

Else

Print i, "could not be obtained from the given combination of 2 volumes"

End If

Until i == (Num1 + Num2)

End

**FLOWCHART**



