# Problem 11: No not optimus prime its Coprime..

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## IPO CHART:

|  |  |  |
| --- | --- | --- |
| **INPUT** | **PROCESS** | **OUTPUT** |
| Two intergers | Calculate the lcm of two numbers  by starting a while loop from the greater  number to the least number which is in the  table of both numbers. If the LCM of two  numbers is equal to product of numbers than  they are coprime numbero | Coprime(yes/no) |

## PSEUDOCODE:

1. DEFINE a,b, greater;
2. INPUT a,b;
3. i=0;
4. IF(a>b)

greater=a; //end if

ELSE

greater=b; //end else

1. WHILE (i%a!=0 && i%b!=0)

i=i +greater ; //end while

1. IF greater==a\*b

print”coprime numbers”

1. Else

Print”not coprime numbers”

## A diagram of a mathematical process Description automatically generated with medium confidenceFLOW CHART:

