Jus GCD - Greatest Common Divisor W MCF (12,60) 10,15 10,15 10,15 2,3,4,86,7,8,9 anne = S 1=2; 1< min(a,6); 1++

i=2; $1 \le \min(a,b)$, $1 \ne b$ $2 \le 1 \le 1$ $10 \le 1$ 1

60 24 0



24 60

6 CD (60, 24)
601, 24
24, 12

(2,0

Ques LCM

LCMX HCF/6CD = axb

 $LCM = \frac{a \times b}{6cb(a,b)}$

Modulo Azithmatic

 $M = 10^9 + 7$ '/ $10^9 + 7$

(a + 6) % m = (a% m) + (b% m) % m $(a \times b) \% m = ((a\% m) * (b\% m)) \% m$ int gact (int n) ?int g=1, m=10000000007; for(i=2; i <=n; i++) ? gact (f% m) * i)% m;

Dues Paime numbers

areturn &;

Son(1=2; 1<= In; 1++) {

if (n; 1==0) outurn false

altuan taux

Sieve of Enatathonies

N = 20

TN XN = Jnn