EXPERIMENT 24

Prolog program for implementing GCD

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| gcd(X,Y):-X=Y,write('GCD of two numbers is '),write(X); |
|  | X=0,write('GCD of two numbers is '),write(Y); |
|  | Y=0,write('GCD of two numbers is '),write(X); |
|  | Y>X,Y1 is Y-X,gcd(X,Y1); |
|  | X>Y,Y1 is X-Y,gcd(Y1,Y).  OUTPUT |