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DETAILS
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                                                                                                                                                                                                                                                                                                                                                                                                          STUDENT REPORT
      Roll Number
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                                                                                                                                                                                                                                                     3BR
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                                                                               3BR23CS103
                                                                                3BR23
                                                                                                            20<sup>3</sup> 3822<sup>3</sup> C5<sup>03</sup>
                                                     EXPERIMENT
        Title
                                                                   SIGNATURE FOR LCM
       .dN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8223C570<sup>2</sup>
                                                                  Description
                                                                                 Given two numbers a and b. Find the GCD and LCM of and b.
                                                                                 Input:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23550335
                                                                                    • Two positive integers a and b (1 <=a, b <=1000)
                                                                                 Output:
         355103388
                                                                                For GCD function, an integer representing the GCD of a 'and b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5510338R
                                                                                 For LCM function, an integer representing the LCM of a and b
        5103 3822
                                                                                 Sample Input:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5,03 3HR27
                                                                                 12 18
                                                                                 Output:
        03 3BR23C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        33 3 BR 23C
                                                                                 36
                                                                                 Explanation:
              3BR23C51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .510<sup>3</sup> 38R2<sup>3</sup>C5<sup>1</sup>
                                                                                 The GCD of 12 and 18 is 6. The LCM of 12 and 18 is 36.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                203 38RIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2355705
                                                                                                                                                                                                                                                                                                                                                                            5,033
                                                                   Source Code:
       8R23C510<sup>3</sup>
                                                                                  import math
                                                                                 a,b=list(map(int,input().split()))
                                                                                 def lcm(a,b):
                                                                                                                return (a*b)//math.gcd(a,b)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10<sup>2</sup> 38R<sup>1</sup>35R<sup>2</sup>35R<sup>2</sup>35C<sup>3</sup>38R<sup>2</sup>35C<sup>3</sup>38R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>35R<sup>2</sup>
                                                                                 print(math.gcd(a,b))
                                                                                 print(lcm(a,b))
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