Logo DETAILS MEHABOOB S Roll Number KUB23MCA011 **EXPERIMENT** Title ROBO RACE **Description** There is a robot race happening between two robots named Robotop and Robocop. Both the robots reach the starting point to begin the race on a Circular track Race starts at time T = 0 seconds. Robotop starts the race at T = Xth second and takes exactly N seconds to complete one lap. On the other hand. Robocop starts the race at T = Yth second and takes exactly M seconds to complete one lap. Your task is to find and return an integer value, representing the least time T (in seconds) at which these two robots meet each other again at the starting point. Sample Input: 2314 Sample Output: **Explanation:** X=2, N=3, Y=1, N=4 Robotop starts at T=2 and completes one lap every 3 seconds. Robocop starts at T=1 and completes one lap every 4 seconds. The smallest point where both meet at the starting point is 5 seconds. POLYTE Source Code: x,n,y,m=map(int,input().split()) n, m=m, nans=y-x for pos in range(n): if (ans%n+pos*m)%n==0: break if pos!=n: print(y+pos*m) 47853

RESULT