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//LCM AND HCF
#include <stdio.h>
int main() {
    int a, b, x, y, t, gcd, lcm;

    printf("Enter two integers\n");
    scanf("%d%d", &x, &y);

    a = x;
    b = y;

    while (b != 0) {
        t = b;
        b = a % b;
        a = t;
    }

    gcd = a;
    lcm = (x*y)/gcd;

    printf("Greatest common divisor of %d and %d = %d\n", x, y, gcd);
    printf("Least common multiple of %d and %d = %d\n", x, y, lcm);

    return 0;
}
```