

Output

Enter x: 50

Enter y: 15

Quotient: 3, Remainder: 5

=== Code Execution Successful ===

Enter x: 40

Enter y: 25

GCD: 5

=== Code Execution Successful ===

Output

Clear

Enter N: 20

(1, 2)
(2, 3)
(3, 4)
(4, 5)
(5, 6)
(6, 7)
(7, 8)
(8, 9)
(9, 10)
(10, 11)
(11, 12)
(12, 13)
(13, 14)
(14, 15)
(15, 16)
(16, 17)
(17, 18)
(18, 19)
(19, 20)
(20, 21)

=== Code Execution Successful ===

Output

Input the two numbers: 34 21

The gcd of 34 and 21 is 1.

$1 = (-8) * 34 + (13) * 21.$

=== Code Execution Successful ===