3.GCD using recursionn

#include <stdio.h>

int gcd(int a, int b) {

if (a < 0) {

return gcd(-a, b);

} else if (b < 0) {

return gcd(a, -b);

}

if (b == 0) {

return a;

}

return gcd(b, a % b);

}

int main() {

int num1, num2;

printf("Enter two numbers: ");

scanf("%d %d", &num1, &num2);

int result = gcd(num1, num2);

printf("The GCD of %d and %d is %d\n", num1, num2, result);

return 0;

}

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