#!/bin/bash

gcd() {

local a=$1

local b=$2

while [[ $b -ne 0 ]]; do

local temp=$b

b=$((a % b))

a=$temp

done

echo $a

}

echo "Enter the first number:"

read num1

echo "Enter the second number:"

read num2

result=$(gcd $num1 $num2)

echo "GCD of $num1 and $num2 is: $result"