

```
1  def gcd(a, b):
2      while a != b:
3          if a > b:
4              a -= b
5          else:
6              b -= a
7      return a
8
9  # Example usage
10 num1 = 10
11 num2 = 15
12 print(f"The GCD of {num1} and {num2} is {gcd(num1, num2)}")
```