

Copilot

Sure! Here's a Python solution to find the Greatest Common Divisor (GCD) of two positive integers A and B using the Euclidean algorithm:

```
def gcd(a, b):  
    while b:  
        a, b = b, a % b  
    return a  
  
# Example usage:  
A = 48  
B = 18  
print("The GCD of", A, "and", B, "is", gcd(A, B))
```

In this code:

- The gcd function takes two arguments, a and b.
- It uses a while loop to repeatedly replace a with b and b with a % b until b becomes zero.
- When b is zero, a contains the GCD of the original a and b.

You can test this function with different values of A and B to find their GCD. Let me know if you have any questions or need further assistance!