

## Copilot

Sure! Here's a Python solution to find the number of divisors of an integer (  $N$  ) that are divisible by 3:

```
def count_divisors_divisible_by_3(N):  
    count = 0  
    for i in range(1, N + 1):  
        if N % i == 0 and i % 3 == 0:  
            count += 1  
    return count  
  
# Example usage  
N = 18  
print("Number of divisors of", N, "that are divisible by 3:", count_divisors_divisible_by_3(N))
```

This function iterates through all numbers from 1 to (  $N$  ). For each number, it checks if it is a divisor of (  $N$  ) and if it is divisible by 3. If both conditions are met, it increments the count.

You can test this function with different values of (  $N$  ) to see how it works. Let me know if you have any questions or need further assistance!