

Copilot

Sure! Here's a solution for the problem in R:

```
# Function to count the number of divisors of N that are divisible by 3
count_divisors_by_3 <- function(N) {
  count <- 0
  for (i in 1:N) {
    if (N %% i == 0 && i %% 3 == 0) {
      count <- count + 1
    }
  }
  return(count)
}

# Example usage
N <- 18
result <- count_divisors_by_3(N)
cat("The number of divisors of", N, "that are divisible by 3 is:", result)
```

This function iterates through all numbers from 1 to N, checks if they are divisors of N, and if they are divisible by 3. It then counts and returns the number of such divisors.

Feel free to ask if you have any questions or need further assistance!