Copilot

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

```r
count_divisors_divisible_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_divisible_by_3(N)
cat("Number of divisors of", N, "that are divisible by 3:", result, "\n")
```

This function `count_divisors_divisible_by_3` takes an integer `N` as input and iterates through all numbers from 1 to `N`. It checks if a number is a divisor of `N` and if it is divisible by 3. If both conditions are met, it increments the count. Finally, it returns the count of such divisors.

You can test the function with different values of `N` to see the results. Let me know if you have any questions or need further assistance!