TASK 1:

=======

1. Create a list called “greek\_words” populated with the given strings using: val Greek\_words: List[String] = List(“alpha”, “omega”, “gamma”, “zeta” and “beta”)
2. Print only members of the list with length 4 using: println(Greek\_words.count(\_.length()== 4)

\_is the special symbol that stands for each element in the list.

1. Assign length of the members of the list to a different list using: val len\_words: List[Int] = Greek\_words.map(\_.length()) meaning apply length function to each element. Print this list using println command.
2. Print elements containing m using Greek\_words.count(\_.contains(“m”))
3. Print elements beginning with a using Greek\_words.count(\_.startsWith(“a”))

A screenshot of a social media post

Description generated with very high confidence

TASK 2:

=====

1. Define a recursive function for gcd of 2 numbers. Return type after function name and argument list.
2. Call the function from within main

A screenshot of a social media post

Description generated with very high confidence