

Cosc 540 Assignment 2 optimisation rules

I optimised by writing a function which runs once when the server is started. It is used in this code:

init_codon_dict()

The programme opens the csv file and creates a dictionary with input codon as key and output codon as value.

score_codon()

The output codon for each input codon is determined based on the number of C and Gs in the codon – higher C or G codon that results in the same protein will be returned.