

1. Look up the Adam optimization functions in PyTorch <https://pytorch.org/docs/stable/optim.html> . How does it work? Try at least one other optimization function with the diabetes dataset shown in class. How does the model perform with the new optimizer? Did it perform better or worse than Adam? Why do you think that is?

2. Write a function that lists and counts the number of divisors for an input value.

Example 1:

Input: 5

Output: "There are 2 divisors: 1 and 5"

Example 2:

Input: 40

Output: "There are 8 divisors: 1, 2, 4, 5, 8, 10, 20, and 40"