Roostify Take home assignment

Question - Bracketed Tax Engine:
Write a program that calculates income tax based on the following rules:
- The portion of the income that is less than $10k is untaxed
- The portion of the income that is less than $20k is taxed at 10%
- The portion of the income that is less than $50k is taxed at 20%
- Any portion of the income that is above $50k is taxed at 30%

1. Assume this application will be used by a 3rd party tax consultant who will have to run this for 100 clients.
Write a program that is scalable.
The program should take the $ income and return the tax amount.

2. Imagine there are actually 50+ brackets that change every year, and we need to compute 1 Billion income tax projections every year.
Describe in a few bullet points how you'd build a solution that scales.