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Module 2 Screenshots and Part 2 Answer

interest.py output:

Text

Description automatically generated

rate.py output:

Text

Description automatically generated

Part 2 Question:

The result from rate.py does **not** *exactly* match the input rate from Part 1. The slight discrepancy is attributed to the way floating point numbers are stored in Python. Floating numbers are represented as binary fractions according to this week’s reading/lecture, rather than decimal fractions. The difference is miniscule, but it is enough to have a slight discrepancy between the expected output and the returned result.