Time Calculations and Prime Number Generator

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1. Seconds in an Hour

Use Python to calculate how many seconds are in one hour. Multiply the number of seconds in a minute by the number of minutes in an hour.

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2. Store the Result in a Variable

Assign the result from Question 1 to a variable called `seconds_per_hour` and print it.

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3. Calculate Seconds in a Day

Estimate how many seconds are in a day. Use the variable `seconds_per_hour` and any other variables you may need.

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4. Save Seconds Per Day in a Variable

Recalculate the number of seconds in a day and assign the result to a variable called `seconds_per_day`. Print the value.

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5. Floating-Point Division

Divide `seconds_per_day` by `seconds_per_hour` using floating-point division (`/`). What result do you get?

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6. Integer Division

Now divide `seconds_per_day` by `seconds_per_hour` using integer division (`//`). Does this value match the previous result aside from the decimal point?

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7. Prime Number Generator

Write a generator function `genPrimes()` that yields an infinite sequence of prime numbers starting from 2.
Use a loop to print the first 5 prime numbers generated by `genPrimes()`.
