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distance.py ->

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1. Define the function ``euclidean_distance``:
  - Accepts two lists as arguments representing the vectors.
  - Initialize a variable ``sum_of_squares`` to 0.
  - Iterate over the indices of the vectors:
    - Compute the difference between the corresponding elements of the vectors.
    - Square the difference and add it to ``sum_of_squares``.
  - Return the square root of ``sum_of_squares`` as the Euclidean distance.
2. Process command line arguments:
  - Convert the first and second command line arguments into lists of floats, treating commas as delimiters.
3. Compute the distance:
  - Call the ``euclidean_distance`` function with the two vectors.
  - Print the computed distance rounded to 4 decimal places.

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print2d.py ->

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- a. Iterate through each row of the 2D array.
- b. For each row:
  - i. Iterate through its elements.
  - ii. Check if the element is True or False.
    - If True, print ``*``.
    - If False, print a space.
  - iii. Move to a new line after processing all elements of the row.
- Convert the string representation of the 2D array (from command-line argument) into an actual 2D list.
- Pass the processed 2D list to the function to get the desired output.

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birthday.py ->

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1. We start with an empty room and no birthdays.
2. We randomly pick a birthday for each person entering the room. This birthday is a number between 0 and 364, representing the 365 days in a year.
3. Every time a person enters, we check if their birthday is the same as someone already in the room.
4. We keep a count of how many people have entered the room.
5. As soon as two people have the same birthday, we stop and note down the count.