

The background is an abstract composition of warm, earthy tones (browns, oranges, and yellows) with a soft, painterly texture. A prominent, blurred purple shape is centered in the upper half of the image. The title text is overlaid on this background.

# ***EPPS 6354: Assignment 2***

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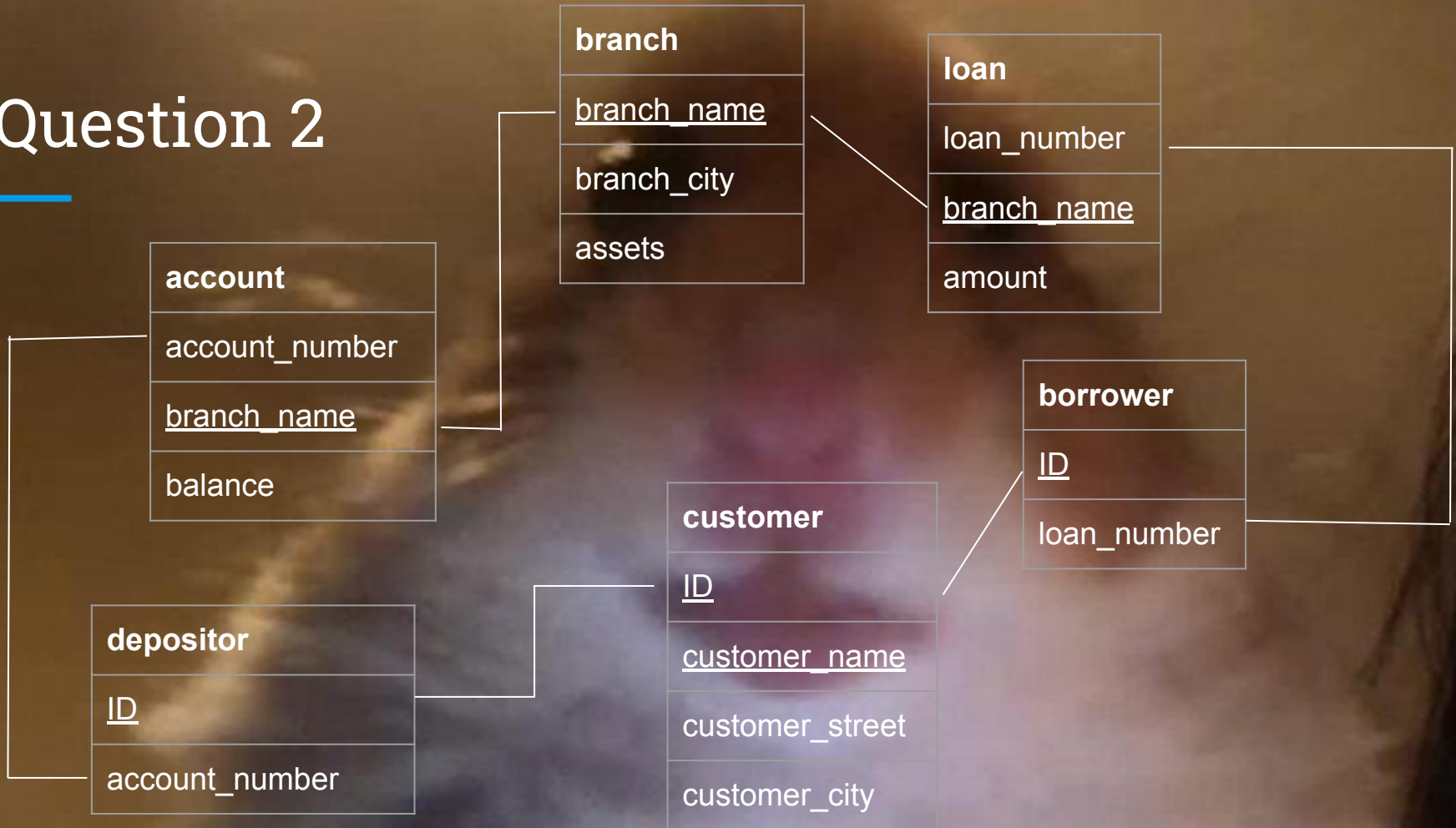
A green L-shaped graphic element is located in the bottom right corner of the slide.

# Question 1

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- A **relation schema** is a set of relational tables and other associated objects that have a relationship with each other
  - Example: All tables in the database including classroom, department, course, instructor, section, teaches, student, takes, advisor, time\_slot, and prereq + all the relationships between those tables
- A **relation** is the established association between tables
  - Example: Department and Instructor table share dept\_name
- An **instance** is a single copy of the software running on a single server
  - Example: When a new class is added, the instance after the addition will have more records than the instance before addition

# Question 2



# Question 3

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- Primary keys: ID, branch\_name, customer\_name
- Foreign keys: account\_number, loan\_number, branch\_city, amount, customer\_street, customer\_city, balance, assets