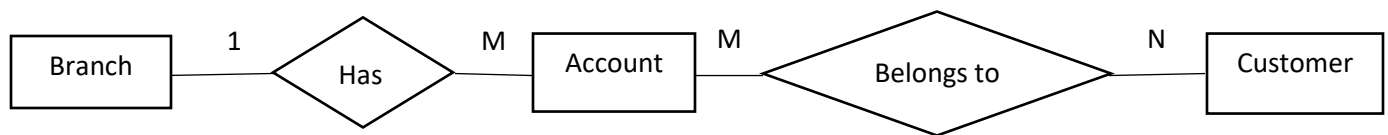


#### ASSIGNMENT 4: Degree and Cardinality

Consider the following ER-Diagram depicting a banking scenario and answer the questions below:



1. How many entities are present? Name those entities.

**3 entities** are present as follows:

- 1) **Branch**
- 2) **Account**
- 3) **Customer**

2. How many relationships are present? Name those relationships.

**2 relationships** are present as follows:

- 1) **Has** – Branch **Has** Account
- 2) **Belongs to** – Account **Belongs to** Customer

3. Mention the degree of all identified relationships.

- 1) **Has : 2**
- 2) **Belongs to : 2**

4. Cardinality of all identified relationships.

- 1) **Has : One – to – Many (1: M)**
- 2) **Belongs to : Many -to-Many (M: N)**