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Assignment 3

1. For each table, identify the primary key and foreign key(s). If a table does not have a foreign key, write *None.*
   * EMPLOYEE
     + PK - EMP\_CODE
     + FK - STORE\_CODE
   * STORE
     + PK - STORE\_CODE
     + FK - REGION\_CODE
     + FK - EMP\_CODE
   * REGION
     + PK - REGION\_CODE
     + FK - None
2. Do the tables exhibit entity integrity? Answer yes or no, explain your answer.
   * Yes, the tables exhibit entity integrity because the primary keys of the EMPLOYEE table, STORE table, and REGION table (EMP\_CODE, STORE\_CODE, and REGION\_CODE respectively) each have unique values and do not have a null value assigned to them.
3. Do the tables exhibit referential integrity? Answer yes or no, and then explain your answer. Write *NA* (not applicable) if the table does not have a foreign key.
   * Yes, the tables exhibit referential integrity because every reference from an entity instance to another entity instance is valid. Each foreign key entry references a record in another table.
4. Describe the type(s) of relationship(s) between STORE and REGION.
   * Each store belongs to one, and only one, region. Each region can have one or more stores.