Use the database shown in Figure 1 to answer Problems 1-5.

Figure 1. The Ch03_StoreCo Database Tables

Table name: EMPLOYEE   **Database name: Ch03_StoreCo**

EMP_CODE	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_INITIAL	EMP_DOB	STORE_CODE
1	Mr.	Williamson	John	W	21-May-64	3
2	Ms.	Ratula	Nancy		09-Feb-69	2
3	Ms.	Greenboro	Lottie	R	02-Oct-61	4
4	Mrs.	Rumpersfro	Jennie	S	01-Jun-71	5
5	Mr.	Smith	Robert	L	23-Nov-59	3
6	Mr.	Renselaer	Cary	A	25-Dec-65	1
7	Mr.	Ogallo	Roberto	S	31-Jul-62	3
8	Ms.	Johnsson	Elizabeth	I	10-Sep-68	1
9	Mr.	Eindsmar	Jack	W	19-Apr-55	2
10	Mrs.	Jones	Rose	R	06-Mar-66	4
11	Mr.	Broderick	Tom		21-Oct-72	3
12	Mr.	Washington	Alan	Y	08-Sep-74	2
13	Mr.	Smith	Peter	N	25-Aug-64	3
14	Ms.	Smith	Sherry	H	25-May-66	4
15	Mr.	Olenko	Howard	U	24-May-64	5
16	Mr.	Archialo	Barry	V	03-Sep-60	5
17	Ms.	Grimaldo	Jeanine	K	12-Nov-70	4
18	Mr.	Rosenberg	Andrew	D	24-Jan-71	4
19	Mr.	Rosten	Peter	F	03-Oct-68	4
20	Mr.	Mckee	Robert	S	06-Mar-70	1
21	Ms.	Baumann	Jennifer	A	11-Dec-74	3

Table name: STORE

STORE_CODE	STORE_NAME	STORE_YTD_SALES	REGION_CODE	EMP_CODE
1	Access Junction	1003455.76	2	8
2	Database Corner	1421987.39	2	12
3	Tuple Charge	986783.22	1	7
4	Attribute Alley	944568.56	2	3
5	Primary Key Point	2930098.45	1	15

Table name: REGION

REGION_CODE	REGION_DESCRIPT
1	East
2	West

Assignment 3
COSC 3336
Spring 2022

1. For each table, identify the primary key and the foreign key(s). If a table does not have a foreign
   key, write None in the space provided.

   a. Employee Table: Primery Key is EMP_CODE and the Foreign Key is STORE_CODE

   b. Store Table: Primary Key is STORE_CODE and the Foreign Keys are REGION_CODE, EMP_CODE

   c. Region Table: Primary Key is REGION_CODE and Foreign Key N/A

2. Do the tables exhibit entity integrity? Answer yes or no and then explain your answer.

   a. Yes, all of the tables have integrity, all of the Primary Keys are unique for each table, there are not repeating values, and there are not nulls/Empty Values

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.

   a. Employee and Store Tables both exhibit referential integrity, because all Foreign keys point to an existing data set in another table.

   b. Region dose not have any foreign keys: N/A

4. Describe the type(s) of relationship(s) between STORE and REGION.
   a. There are Many STORES Per one REGION. Or Each REGION can hold many STORES.
5. Create the ERD to show the relationship between STORE and REGION.