EXERCISE 2

1. Which SQL statement is used to extract data from a database?
2. With SQL, how do you select a column named "FirstName" from a table named "Persons"?
3. With SQL, how do you select all the columns from a table named "Persons"?
4. SELECT \* FROM Persons WHERE FirstName='Farris'; if the name called “Farris” doesn’t exist what would be the output?
5. Describe each of the following database terminologies and tell unique features of each.
   * superkey
   * candidate key
   * primary key
   * unique key
   * foreign key
6. What does Tables in second normal form (2NF) eliminates compared to Tables in a first normal form(1NMF)
7. what is a referential integrity?
8. Failure to specify cascading delete when enforcing referential integrity can cause what problem?
9. What does a Null value represent in a database?
10. What are t the benefits of transaction control?