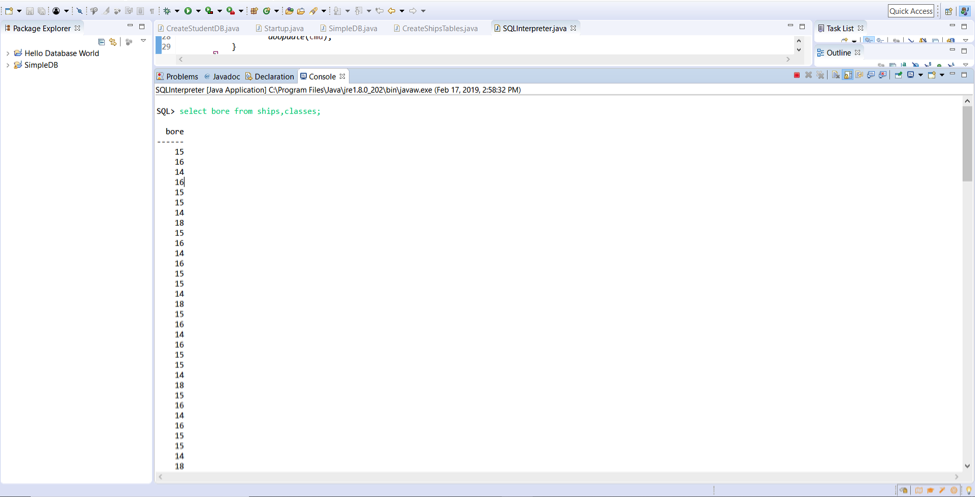
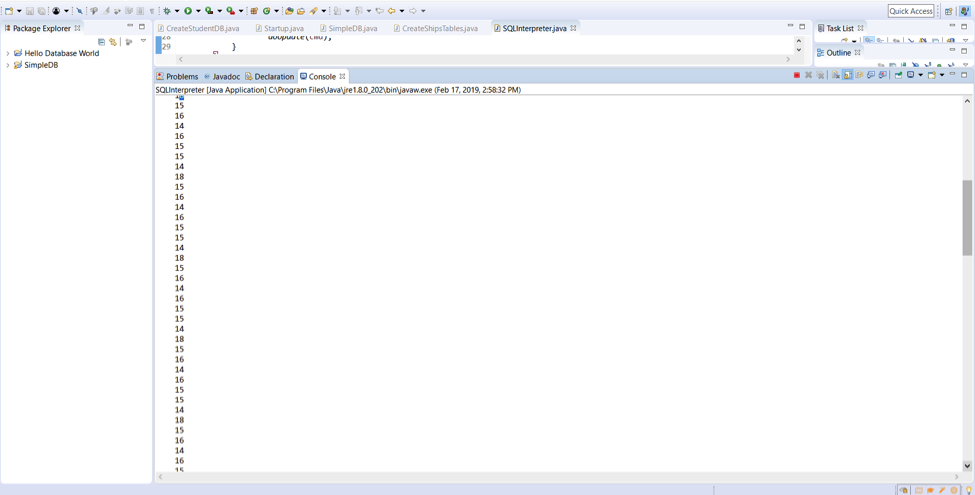
“An Aggie does not lie cheat or steal nor tolerate those who do”

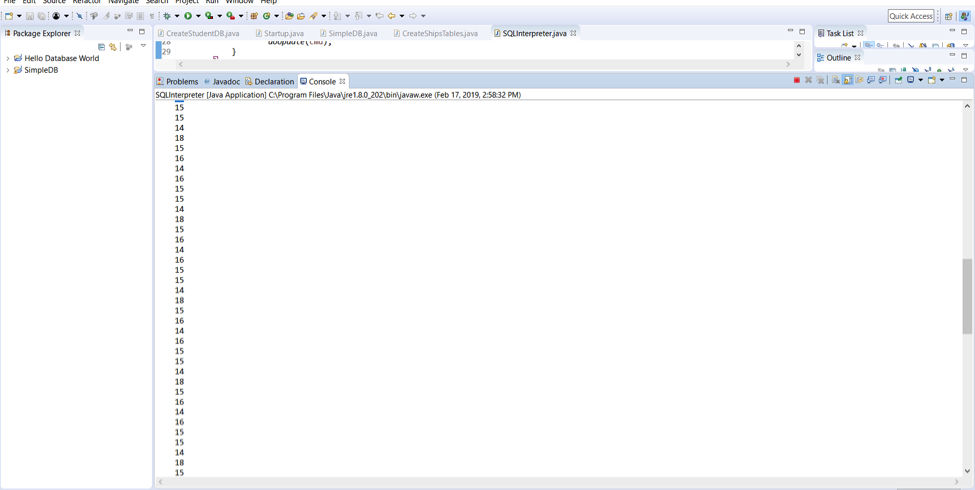
X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

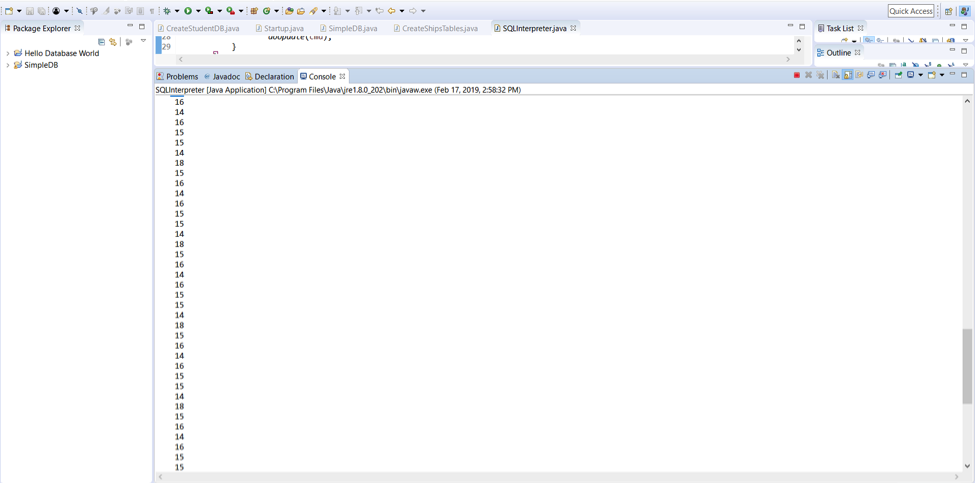
1.

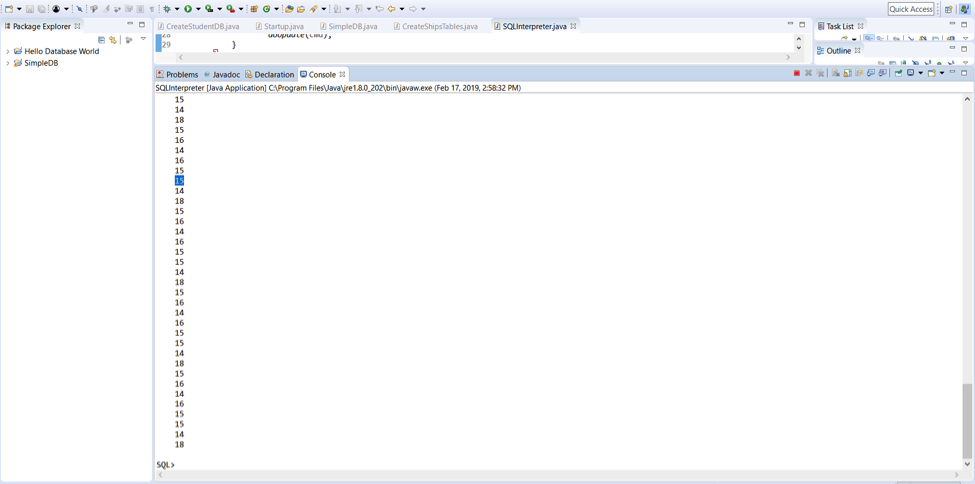
5.1.3











2.

5.2.1

d) τB,C(S) = [(0,1), (0,2), (2,4), (2,5), (3,4), (3,4)]

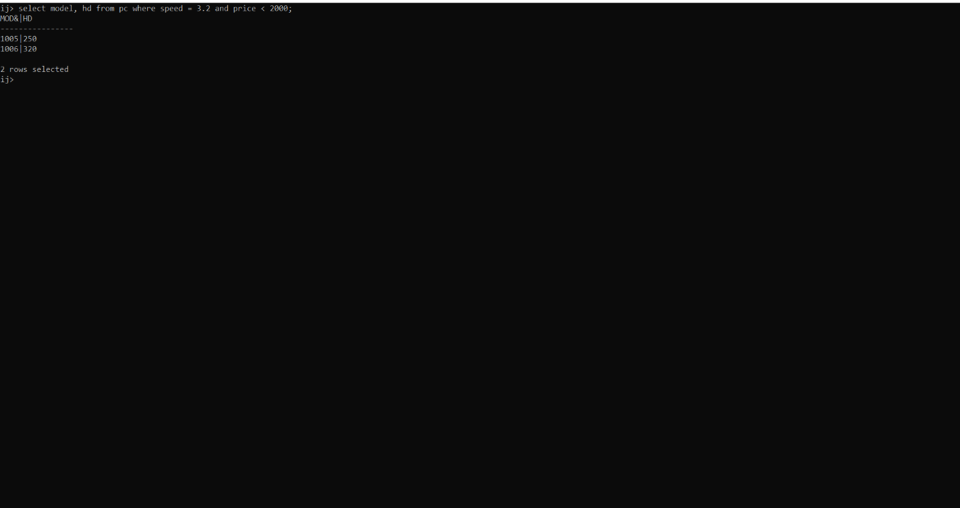
g) ϒA,SUM(B)(R)

|  |  |
| --- | --- |
| A | B |
| 0 | 1 |
| 0 | 1 |
| 2 | 3 |
| 2 | 4 |
| 3 | 4 |

|  |  |
| --- | --- |
| A | SUM(B) |
| 0 | 2 |
| 2 | 7 |
| 3 | 4 |

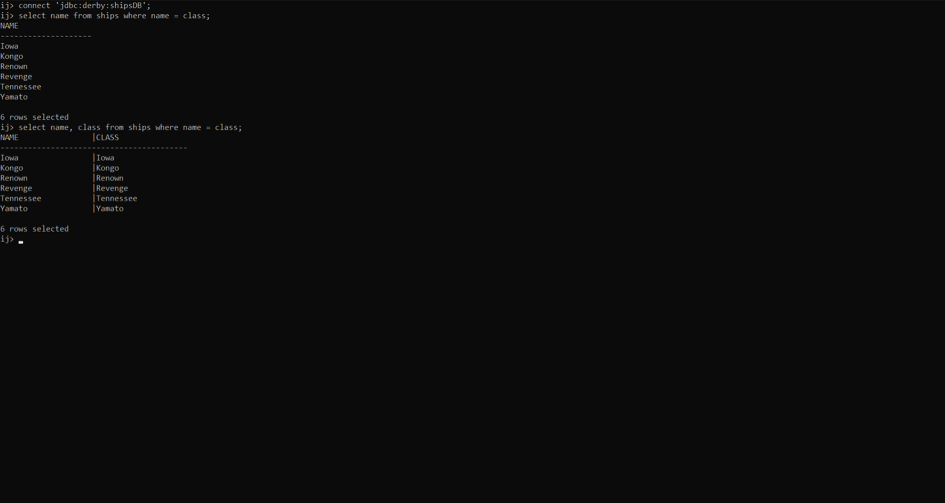
3.

6.1.3



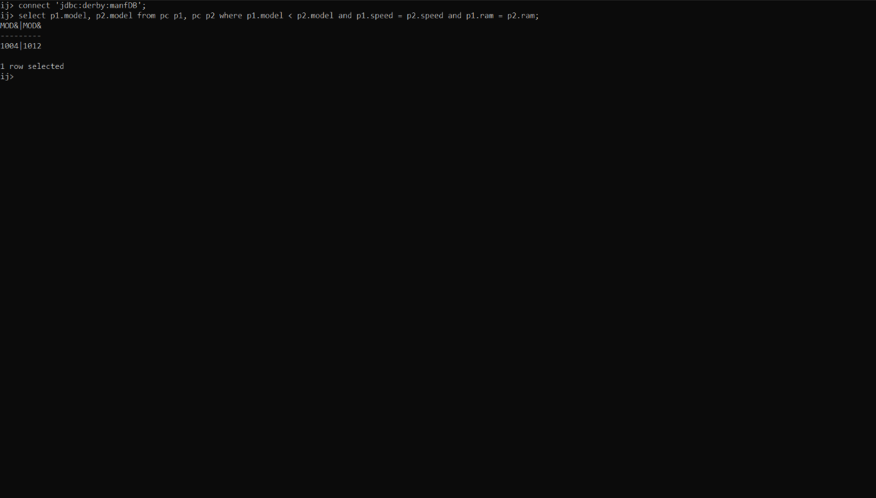
4.

6.1.4



5.

6.2.2



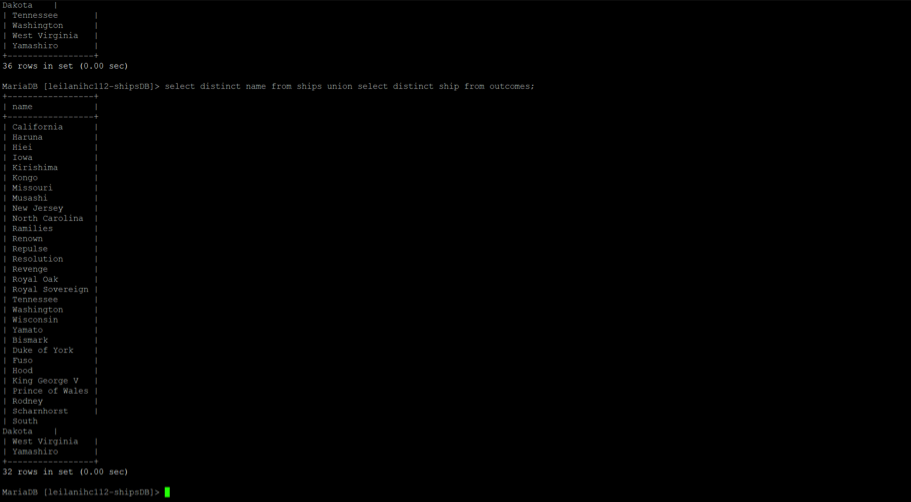
6.

6.2.3

b.

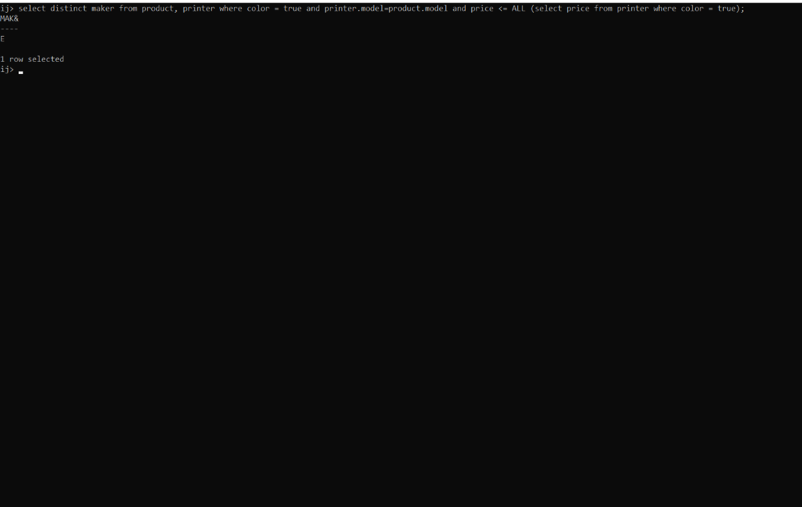


C.



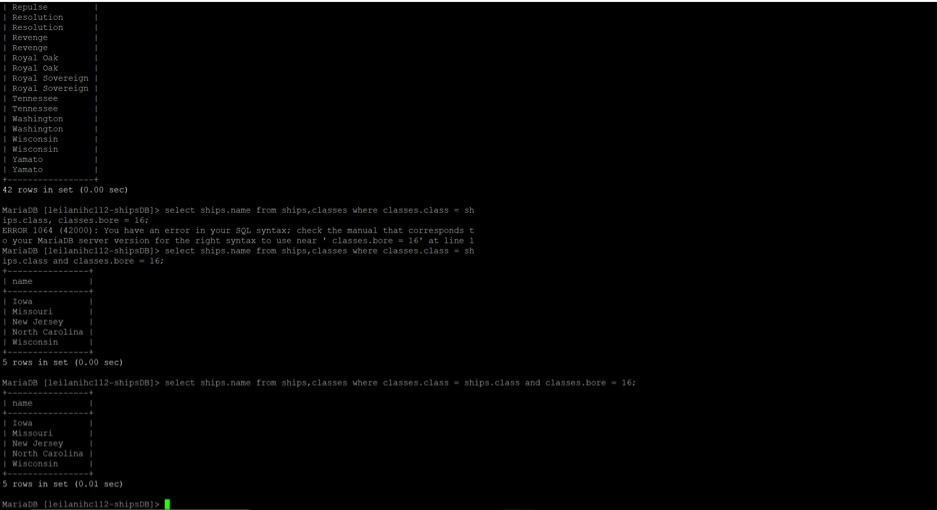
7.

6.3.1



8.

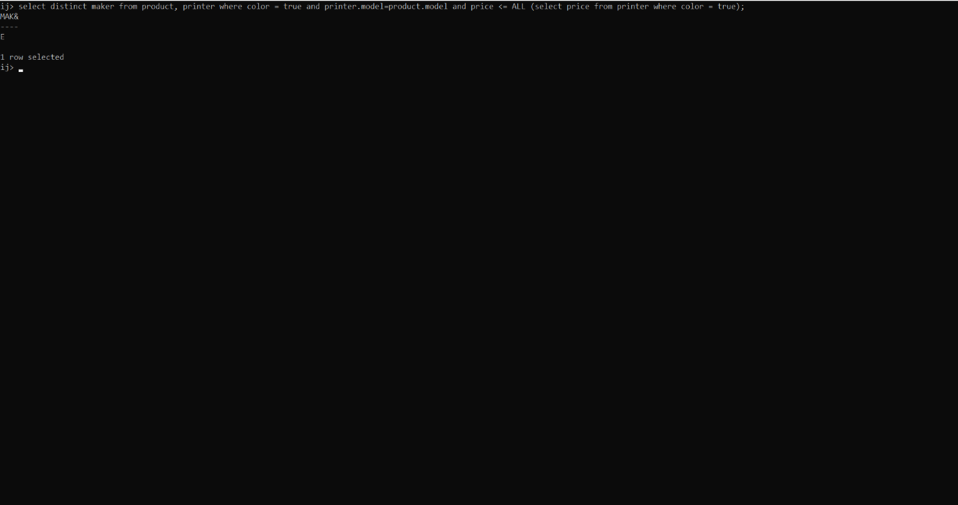
6.3.2



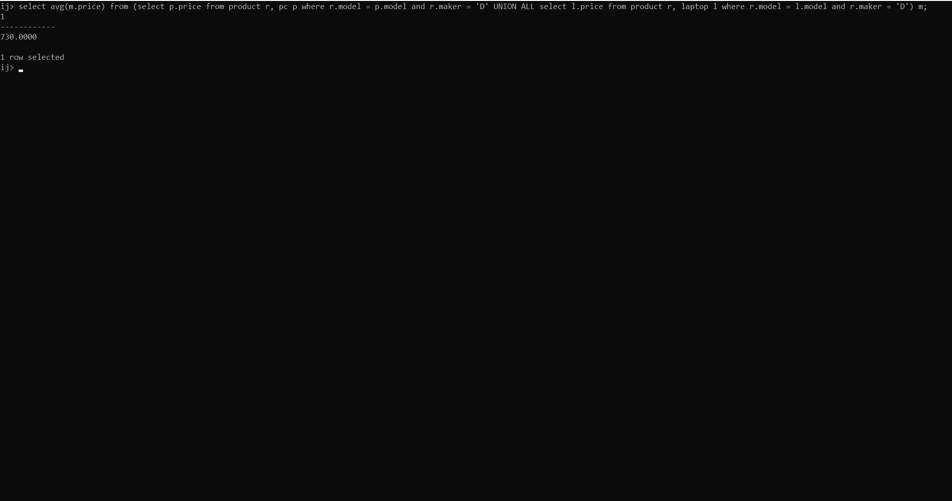
9.

6.4.6

A.



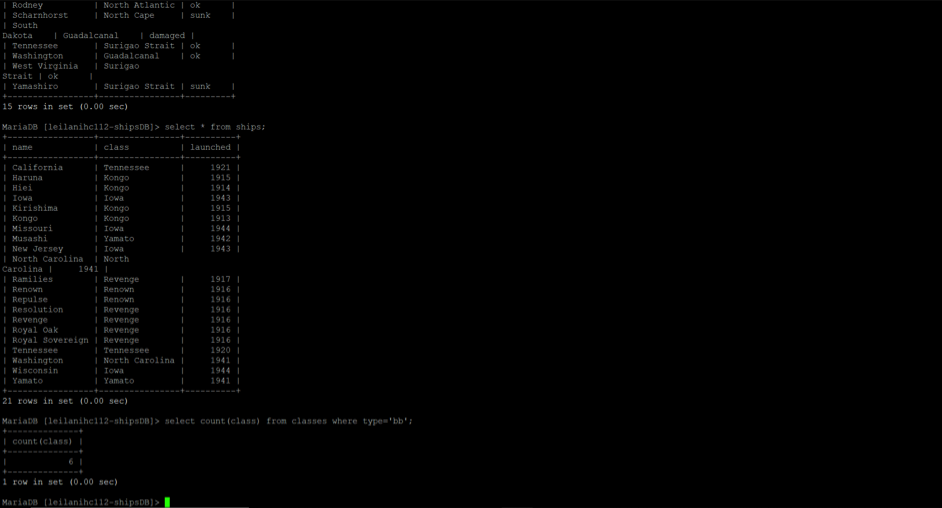
D.



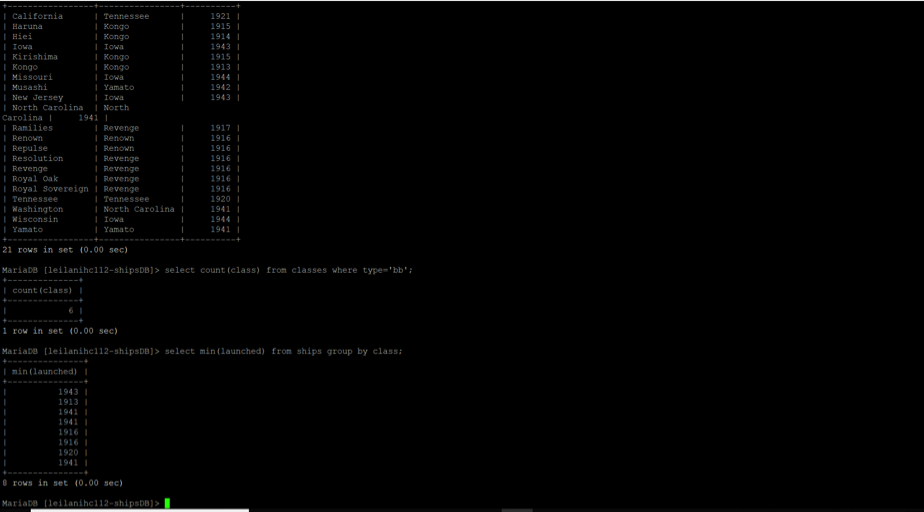
10.

6.4.7

A.



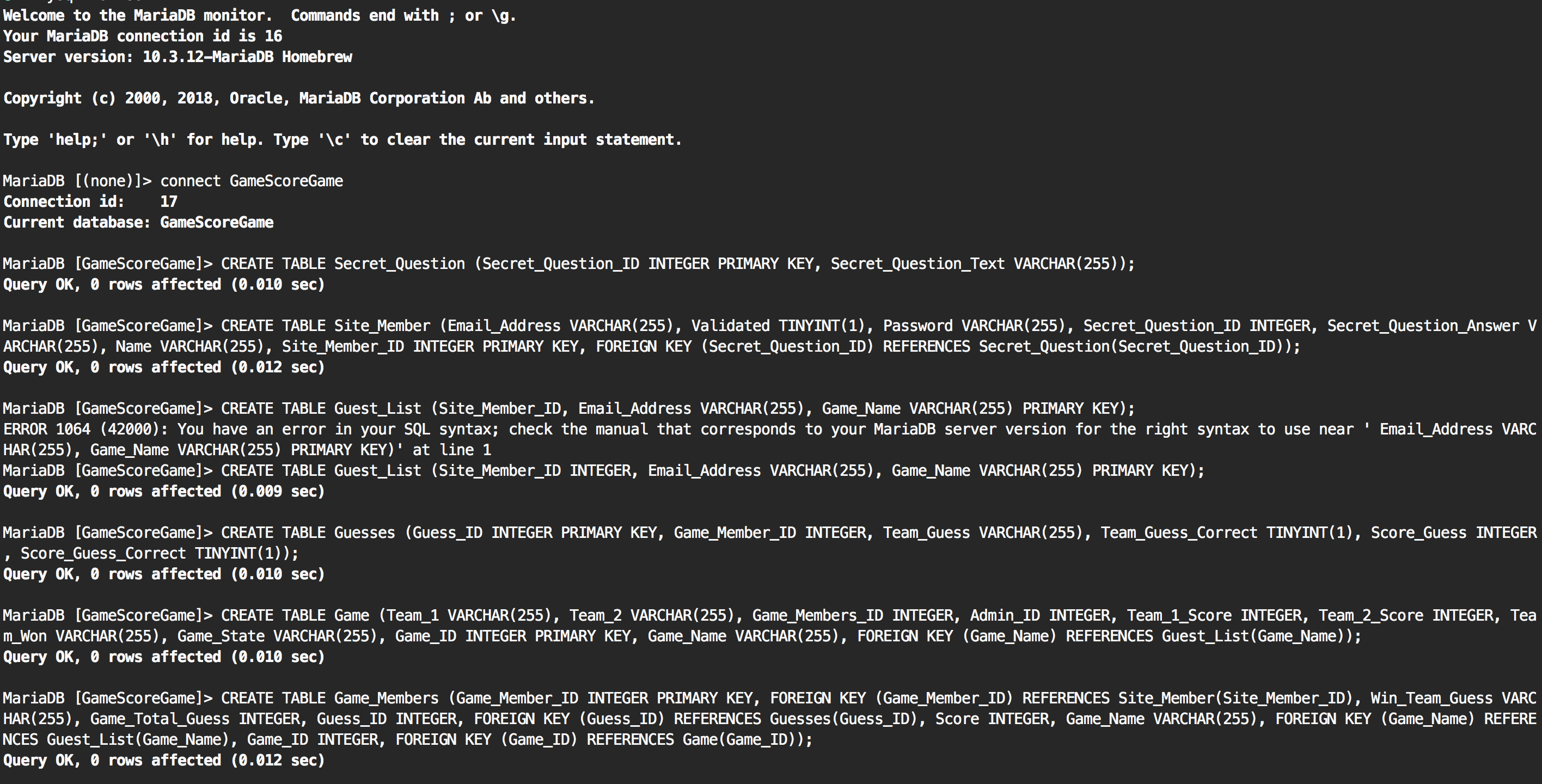
D.



11.

Create Table Statements

* Site\_Members
  + CREATE TABLE Site\_Member (Email\_Address VARCHAR(255), Validated TINYINT(1), Password VARCHAR(255), Secret\_Question\_ID INTEGER, Secret\_Question\_Answer VARCHAR(255), Name VARCHAR(255), Site\_Member\_ID INTEGER PRIMARY KEY, FOREIGN KEY (Secret\_Question\_ID) REFERENCES Secret\_Question(Secret\_Question\_ID));
* Secret\_Question
  + CREATE TABLE Secret\_Question (Secret\_Question\_ID INTEGER PRIMARY KEY, Secret\_Question\_Text VARCHAR(255));
* Guest\_List
  + CREATE TABLE Guest\_List (Site\_Member\_ID INTEGER, Email\_Address VARCHAR(255), Game\_Name VARCHAR(255) PRIMARY KEY);
* Game
  + CREATE TABLE Game (Team\_1 VARCHAR(255), Team\_2 VARCHAR(255), Game\_Members\_ID INTEGER, Admin\_ID INTEGER, Team\_1\_Score INTEGER, Team\_2\_Score INTEGER, Team\_Won VARCHAR(255), Game\_State VARCHAR(255), Game\_ID INTEGER PRIMARY KEY, Game\_Name VARCHAR(255), FOREIGN KEY (Game\_Name) REFERENCES Guest\_List(Game\_Name));
* Game\_Members
  + CREATE TABLE Game\_Members (Game\_Member\_ID INTEGER PRIMARY KEY, FOREIGN KEY (Game\_Member\_ID) REFERENCES Site\_Member(Site\_Member\_ID), Win\_Team\_Guess VARCHAR(255), Game\_Total\_Guess INTEGER, Guess\_ID INTEGER, FOREIGN KEY (Guess\_ID) REFERENCES Guesses(Guess\_ID), Score INTEGER, Game\_Name VARCHAR(255), FOREIGN KEY (Game\_Name) REFERENCES Guest\_List(Game\_Name), Game\_ID INTEGER, FOREIGN KEY (Game\_ID) REFERENCES Game(Game\_ID));
* Guesses
  + CREATE TABLE Guesses (Guess\_ID INTEGER PRIMARY KEY, Game\_Member\_ID INTEGER, Team\_Guess VARCHAR(255), Team\_Guess\_Correct TINYINT(1), Score\_Guess INTEGER, Score\_Guess\_Correct TINYINT(1));



12.

