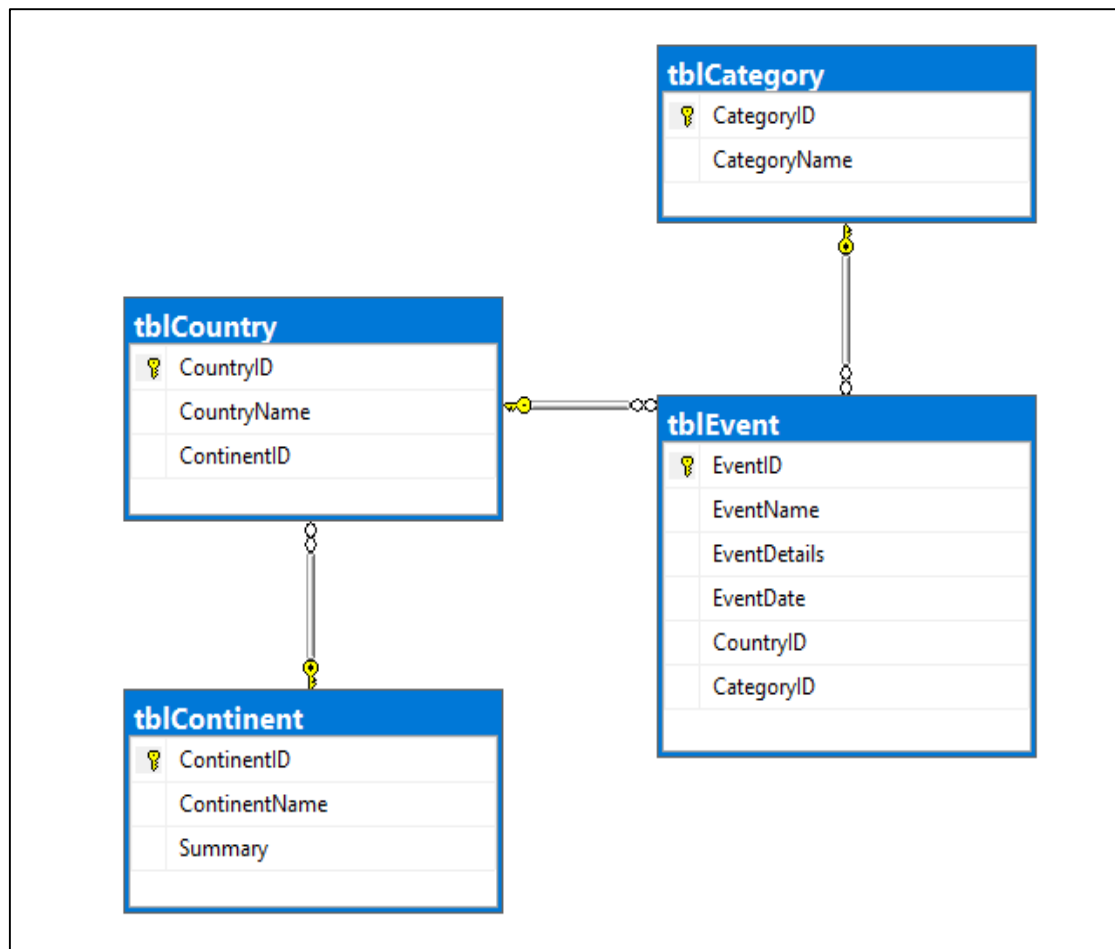


**For the submission of your work:**

- Create a folder named **RollNo\_Name\_DBI202\_PaperNo**, e.g. se01245\_LongNT\_DBI202\_01. **Do not** create any subfolder in this folder. All file created will be located in the above folder.
  - For each question, you are required to write a database script. Create a file with the name corresponding to the index of the question. For example, **for question 1**, we will create a file named **Q1.sql** and create a file **Q2.sql for question 2**. So, if you do 10 questions, your folder must contain **only 10 files** Q1.sql, Q2.sql, Q3.sql, Q4.sql, Q5.sql, Q6.sql, Q7.sql, Q8.sql, Q9.sql and Q10.sql.
  - Do not use any commands having the database name such as create database, alter database, use [database name], etc.
  - Your response must contain only necessary commands for answering the question. Do not include any other command. For example, if you are required to create a trigger/procedure, then your response should contain only commands for creating the corresponding trigger/procedure; all commands for testing the created trigger/procedure are forbidden.
  - On completion, import your work by browsing to the above folder.
- Note that:**
- + You could use only SQL Server, SQL Server Management Studio, and paper or offline document in your computer.
  - + If any of the previous requirements is not respected, your mark will be 0.

**From the 2nd question**, you should use the database provided in the .sql file which has the following database diagram. Please, run the provided script to create tables and insert data into your database.



**Question 1:**

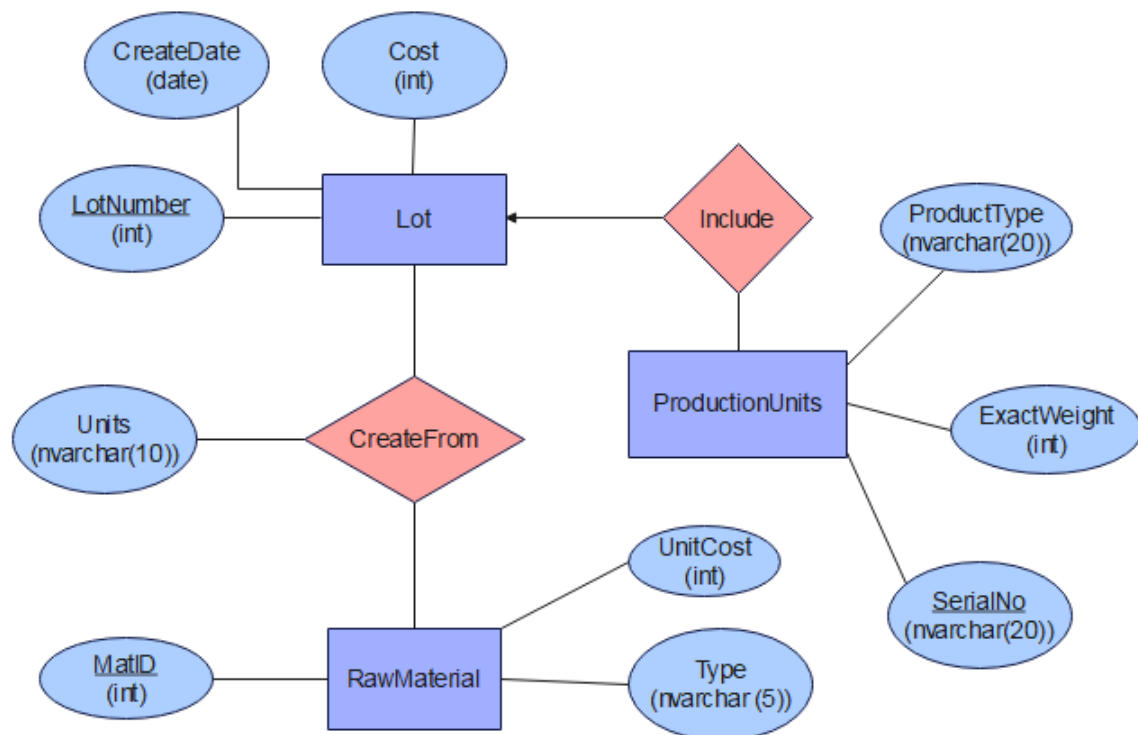
Create one database and then write SQL statements to create, in this database, all tables derived from the ERD given in the following picture with appropriate attributes, primary keys and foreign keys.

NOTE that when creating the SQL commands as request, you MUST keep the name of tables, relationship, attributes and data type of attributes as SAME as given in the given ERD.

Attributes with underline belong to the Primary Key of each entity.

Attributes which reference to the primary key of another table must have the same name as the attributes in the primary key of the referencing table.

When submitting the responses for this question, submit only SQL statements for creating tables with corresponding keys and foreign keys. Do not use "create database", "Alter database", "use database\_name" or any statements using database's name in your submission.



Picture 1.1

**Question 2:**

Find all countries that the names end with 'm'

	CountryID	CountryName	ContinentID
1	7	United Kingdom	3
2	10	Vietnam	1
3	16	Belgium	3

Picture 2.1

**Question 3:**

Count the number of events for each category, just show the event categories with the number is less than 5

	CategoryID	CategoryName	Number of Events
1	11	Love and relationships	3
2	19	Education	3
3	20	General	4
4	4	Natural world	4

Picture 3.1

**Question 4:**

Count the number of events in Europe

	Number of Events in Europe
1	310

Picture 4.1

**Question 5:**

Find 5 continents which have the least events

	ContinentName	Number of Ever
1	Antarctic	1
2	South America	2
3	Australasia	5
4	Africa	9
5	Asia	22

Picture 5.1

**Question 6:**

Find all events which took place on February 14

	EventID	EventName	EventDetails	EventDate	countryName
1	283	Australia converts from £ to \$	The Australian dollar is introduced, replacing the po...	1966-02-14	Australia
2	484	Global Positioning System launched	The first of 24 satellites of the Global Positioning Sy...	1989-02-14	International
3	485	Fatwa issued against Salman Rushdie	Fatwa issued against Salman Rushdie for The Sata...	1989-02-14	International

Picture 6.1

**Question 7:**

Find all countries without events

	CountryID	CountryName	ContinentID
1	9	Indonesia	1

Picture 7.1