**Database SQL CRUD Operation**

Problem Statement:

| Id | country | continent | currency |
| --- | --- | --- | --- |
| 1 | India | Asia | rupee |
| 2 | USA | North america | dollar |
| 3 | Japan | Asia | yen |
| 4 | China | Asia | yuan |

1. Write a SQL statement to create a table containing the column name as follows:

Id, country, continent, currency.

1. create table countries(id int, country varchar(20), continent varchar(20), currency varchar(20));
2. Write a SQL statement to insert into the table the given above data in the same order as shown in above table.
3. insert into countries values(1, "India", "Asia", "Rupee"), (2, "USA", "North America", "Dollar"), (3, "Japan", "Asia", "Yen"), (4, "China", "Asia", "Yuan");
4. Write a SQL statement to insert into the table the given data : id=5,country=Bangladesh,currency=taka.
5. insert into countries(id, country, currency) values(5, "Bangladesh", "Taka");
6. Write a SQL statement to change the continent of all the countries to “not given”.
7. update countries set continent = "not given" where id < 6;
8. Write a SQL statement to change the country from China to “People republic of china”.
9. alter table countries modify column country varchar(100);

update countries set country = "People Republic of China" where id = 4;

1. Write a SQL statement to add a column “country\_population” with default value as “no data”.
2. Alter table countries ADD(country\_population Varchar(10) Default 'no data');
3. Write a SQL statement to drop the column “country\_population”.
4. alter table countries drop column country\_population;
5. Write a SQL statement to add the primary key to the id column of the given table.
6. alter table countries add primary key(id);
7. Write a SQL statement to change the table name to “Country\_Census”.
8. rename table countries to Country\_Census;
9. Write a SQL statement to display the country from the table.
10. select country from Country\_Census;
11. write a SQL statement to display the id and continent from the table.
12. select id, continent from Country\_Census;
13. Write a SQL statement to delete the table data where id=3.
14. delete from Country\_Census where id = 3;
15. Write a SQL statement to drop the table.
16. drop table Country\_Census;
17. Create a table with table\_name as “Country\_data” ,same as the above table .
18. create table Country\_data(id int, country varchar(20), continent varchar(20), currency varchar(20));
19. Insert into table data of your choice up to 3 data.
20. insert into Country\_data values(1, "India", "Asia", "Rupee"), (2, "USA", "North America", "Dollar"), (3, "Japan", "Asia", "Yen");