

CSE 3104 – Assignment 01

Question: Write suitable SQL commands for the following tasks.

1. Create a table (Passenger) based on the following specifications.

Attribute	Type
Passenger_ID	Integer
Passenger_FName	Varchar
Passenger_LName	Varchar
Passenger_Age	Integer
Destination	Varchar

2. Add the following five records to the table.

Passenger_ID	Passenger_FName	Passenger_LName	Passenger_Age	Destination
1	Ken	Kaneki	21	Tokyo
2	Hideyoshi	Nagachika	26	Tokyo
3	Frank	Robertson	46	Madrid
4	Indrajit	Roy	37	Delhi
5	Abul	Kashem	57	Lahore

3. Display the unique Destination values.
4. Update the Destination of Frank to Delhi.
5. Delete the records from the table if the Destination is Tokyo.
6. Display the Passenger_FName values if the Passenger_Age value is greater than 30.
7. Add a new column Source of Varchar type to the table.
8. For all the existing entries of the table, set the value of Source as Paris.
9. Display all the entries completely.
10. Introduce Primary Key in combination of Passenger_ID and Passenger_LName.
11. Introduce a Check so that the Passenger_Age must be greater than 18.
12. Set the Default value of Destination as Kyoto.
13. Display the records in descending order in regards to the Passenger_Age values.
14. Display the records whose Passenger_Age values are within the range of 25 to 40.
15. Display Passenger_FName values of records whose Passenger_LName values have o in them.
16. Drop the Check on Passenger_Age attribute.
17. Drop the Default constraint from the Destination attribute.
18. Delete the Passenger_Age column from the table.
19. Delete all the records from the Passenger table.
20. Delete the Passenger table.

(This assignment will be evaluated out of 20 marks. There are 20 tasks & each will hold 1 mark.)