

HOTEL MANAGEMENT SYSTEM

Home Page:

Home Page

Insert in Hotel Table

Insert in Room Table

Insert in Booking Table

Output Page of Queries

Insert into Hotel Table:

Hotel Management System Forms

Hid:

Name:

City:

Submit

Go Back

Insert into Room Table:

Hotel Management System Forms

Rid:

Hid:

Tariff:

Submit

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Insert into Booking Table:

Hotel Management System Forms

Booking_no:

Guest_name:

Select Hid and Rid Pair

Start_date:

End_date:

Submit

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Output:

Hotel Management System Qeuries

Hotel Table After Insertion

Room Table After Insertion

Booking Table After Insertion

1. Give the names of the guests who have stayed in the same hotel at least thrice.

2. List the costliest rooms in each hotel.

3. List the total earnings from bookings in the last month for each hotel in Kolkata.

4. Insert a new booking in the database.

5. Change the start_date and end_date of the new nooking.

6. Delete the record for the rooms with no bookings in the last 6 month.

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Hotel Table :

Hotel Management System Qeuries

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Hid	Name	City
1	Hyatt Regency	Kolkata
2	Southern Plaza Hotel	Kolkata
3	St. Marks Hotel	Bengaluru
4	Sterlings Mac Hotel	Bengaluru
5	Grand Hotel	Mumbai
6	Taj Hotel	Mumbai

Room Table :

Hotel Management System Qeuries

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Rid	Hid	Tariff
200	1	11000.00
201	6	12000.00
202	5	11000.00
203	4	14000.00
204	3	5000.00
205	2	4000.00
206	1	9000.00
207	1	10000.00
208	4	7000.00
209	5	10000.00
210	6	9500.00

Booking Table :

Hotel Management System Qeuries

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Booking_no	Guest_name	Hid	Rid	start_date	end_date
401	Varun Singh	5	201	2023-09-01	2023-09-04
402	Varun Singh	5	201	2022-09-01	2022-09-04
403	Varun Singh	5	202	2021-09-01	2021-09-04
404	Anuj Yadav	1	206	2023-12-01	2023-12-04
405	Anuj Yadav	1	204	2023-08-01	2023-08-04
406	Anuj Yadav	1	206	2019-08-01	2019-08-04
407	Rishav Chanda	4	210	2023-08-07	2023-08-10
408	Arkadipta Paul	2	205	2023-12-17	2023-12-19
409	Ankan Mitra	3	207	2023-02-17	2023-02-19
410	Ankan Mitra	3	207	2023-03-17	2023-03-19

1. Give the names of the guests who have stayed in the same hotel at least thrice.

Hotel Management System Qeuries

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Hotel_name	Guest_name	Number_of_stays
Grand Hotel	Varun Singh	3
Hyatt Regency	Anuj Yadav	3

2. List the costliest rooms in each hotel.

Hotel Management System Qeuries

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Name	Rid	tariff
Hyatt Regency	200	11000.00
Southern Plaza Hotel	205	4000.00
St. Marks Hotel	204	5000.00
Sterlings Mac Hotel	203	14000.00
Grand Hotel	202	11000.00
Taj Hotel	201	12000.00

3. List the total earnings from bookings in the last month for each hotel in Kolkata.

Hotel Management System Qeuries

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Name	Total_Earnings
Hyatt Regency	9000.00
Southern Plaza Hotel	4000.00

4. Insert a new booking in the database.

Hotel Management System Forms

Booking_no:

Guest_name:

Select Hid and Rid Pair

Start_date:



End_date:

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Booking Table after Insertion:

Hotel Management System Qeuries

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Booking_no	Guest_name	Hid	Rid	start_date	end_date
401	Varun Singh	5	201	2023-09-01	2023-09-04
402	Varun Singh	5	201	2022-09-01	2022-09-04
403	Varun Singh	5	202	2021-09-01	2021-09-04
404	Anuj Yadav	1	206	2023-12-01	2023-12-04
405	Anuj Yadav	1	204	2023-08-01	2023-08-04
406	Anuj Yadav	1	206	2019-08-01	2019-08-04
407	Rishav Chanda	4	210	2023-08-07	2023-08-10
408	Arkadipta Paul	2	205	2023-12-17	2023-12-19
409	Ankan Mitra	3	207	2023-02-17	2023-02-19
410	Ankan Mitra	3	207	2023-03-17	2023-03-19
411	Pushpal Mukherjee	1	206	2015-11-12	2015-11-18

5. Change the start_date and end_date of the new booking.

Hotel Management Queries

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Booking_no	Guest_name	Hid	Rid	start_date	end_date	Actions
401	Varun Singh	5	201	2023-09-01	2023-09-04	<input type="text" value="01-09-2023"/> <input type="text" value="04-09-2023"/> <input type="button" value="Update"/>
402	Varun Singh	5	201	2022-09-01	2022-09-04	<input type="text" value="01-09-2022"/> <input type="text" value="04-09-2022"/> <input type="button" value="Update"/>
403	Varun Singh	5	202	2021-09-01	2021-09-04	<input type="text" value="01-09-2021"/> <input type="text" value="04-09-2021"/> <input type="button" value="Update"/>
404	Anuj Yadav	1	206	2023-12-01	2023-12-04	<input type="text" value="01-12-2023"/> <input type="text" value="04-12-2023"/> <input type="button" value="Update"/>
405	Anuj Yadav	1	204	2023-08-01	2023-08-04	<input type="text" value="01-08-2023"/> <input type="text" value="04-08-2023"/> <input type="button" value="Update"/>
406	Anuj Yadav	1	206	2019-08-01	2019-08-04	<input type="text" value="01-08-2019"/> <input type="text" value="04-08-2019"/> <input type="button" value="Update"/>
407	Rishav Chanda	4	210	2023-08-07	2023-08-10	<input type="text" value="07-08-2023"/> <input type="text" value="10-08-2023"/> <input type="button" value="Update"/>
408	Arkadipta Paul	2	205	2023-12-17	2023-12-19	<input type="text" value="17-12-2023"/> <input type="text" value="19-12-2023"/> <input type="button" value="Update"/>
409	Ankan Mitra	3	207	2023-02-17	2023-02-19	<input type="text" value="17-02-2023"/> <input type="text" value="19-02-2023"/> <input type="button" value="Update"/>
410	Ankan Mitra	3	207	2023-03-17	2023-03-19	<input type="text" value="17-03-2023"/> <input type="text" value="19-03-2023"/> <input type="button" value="Update"/>
411	Pushpal Mukherjee	1	206	2015-11-12	2015-11-18	<input type="text" value="10-10-2023"/> <input type="text" value="17-10-2023"/> <input type="button" value="Update"/>

6. Delete the record for the rooms with no bookings in the last 6 month.

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Booking_no	Guest_name	Hid	Rid	start_date	end_date
401	Varun Singh	5	201	2023-09-01	2023-09-04
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405	Anuj Yadav	1	204	2023-08-01	2023-08-04
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