

Shree Swaminarayan College Of Computer Science

Sardarnagar, Bhavnagar

Paper -302 [RDBMS & Client Server Programming]

Assignment date 20-8-2009

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1. create table category_header with following structure

Cat_code number(5),cat_desc varchar2(20)

2. create table route_header with following structure

Column name	Data type
Route_id	Number(5)
Route_no	Number(5)
Cat_code	Number(5)
Origin	Varchar2(20)
Destination	Varchar2(20)
Fare	Number(7,2)
Distance	Number(3)
Capacity	Number(3)

3. create table place_header with following structure

Column name	Data type
place_id	Number(5)
Place_name	Varchar2(20)
Place_address	Varchar2(20)
Bus_station	Varchar2(20)

4. create table fleet_header with following structure

Column name	Data type
fleet_id	Number(5)
day	date

Route_id	Number(5)
Cat_code	Number(5)

5. create table ticket_header with following structure

Column name	Data type
fleet_id	Number(5)
Ticket_no	Number(5)
doi	date
dot	Date
Time_travel	Varchar2(20)
Board_place	Varchar2(20)
Origin	Varchar2(20)
Destination	Varchar2(20)
Adults	Number(3)
Children	Number(3)
Total_fare	Number(7,2)
Route_id	Number(3)

6. create table ticket_detail with following structure

Column name	Data type
Ticket_no	Number(5)
name	Varchar2(20)
Sex	Char(1)
Age	Number(3)
Fare	Varchar2(20)

7. insert into table category_header following values

Cat_code	Cat_desc
01	Super deluxe
02	Deluxe
03	Super fast
04	normal

8. Insert into table route_header following values

Route_id	Route_no	Cat_code	origin	destination	fare	distance	capacity
101	33	01	Madurai	Madras	65	250	50
102	25	02	Trichy	Madurai	69	159	50
103	15	03	Cochin	Bangalore	75	140	50
104	36	04	Madras	Madras	45	375	50
105	40	01	Bangalore	Madurai	65	375	50
106	38	02	Madras	Madras	80	250	50
107	39	03	Hyderabad	Madurai	78	430	50
108	41	04	Madras	Cochin	35	576	50

9. insert into table place_header following values

Place_id	Place_name	Place_address	Bus_station
01	Madras	10, ptc road	Parrys
02	Madurai	21,canalbank road	Kknagar
03	Trichy	11, first cross road	Bheltown
04	Bangalore	15, first main road	Cubbon park
05	Hyderabad	115, lake view road	Charminar
06	Cochin	12, temple road	Railway jn

10. insert into table fleet_header following values

Fleet_id	Day	Route_id	Cat_code
01	10-apr-96	101	01
02	10-apr-96	101	01
03	10-apr-96	101	01
04	10-apr-96	102	02
05	10-apr-96	102	03
06	10-apr-96	103	04

11. insert into table ticket_header following values

Fleet_id	Ticket_no	Doi	Dot
01	01	10-apr-96	10-may-96
02	02	12-apr-96	05-may-96
03	03	21-apr-96	15-may-96
04	04	25-apr-96	25-may-96
05	250	30-apr-96	22-may-96

Time_travel	Board_place	Origin	Destination
15:00:00	Parrys	Madras	Madurai
09:00:00	Kknagar	Madurai	Madras

21:00:00	Cubbonpark	Bangalore	Madras
10:00:00	Charminar	Hyderabad	Madras
15:00:00	Parrys	Madras	Cochin

Adults	Children	Total_fare	Route_id
1	1	60	101
2	1	60	102
4	2	400	101
10	0	500	103
2	2	141	103

12. Insert into ticket_detail following details.

Ticket_no	Name	Sex	Age	Fare
01	Charu	F	24	14:00
01	Lata	F	10	15:55
02	Anand	M	28	17:80
02	Gautam	M	9	17:65
05	Sandeep	M	30	18:00

13. Alter table route_header to add a column comments with data type as long.

14. Describe route_header.

15. Display only distinct category code from the table route_header order in descending manner.

16. Alter the table to modify the length of the column distance in table route_header to 4.

17. Create a whole route detail.

18. insert into route_detail the following rows

Route_id	Place_id	Non-stop
105	01	N
102	02	S
106	01	S

19. create savepoint s1

20. Insert into the above table the following values : 106,02,n.

21. Rollback to save point s1.

22. Commit the changes.

23. Change the nonstop to "n" of the route_detail where the route_id is 102.

24. Create the save point s2.

25. Delete the row whose route_id is 102.

26. Rollbak to savepoint s2.

27. Commit the changes.