|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Create table as per the Direction given below.**  Table name: RSM\_**Hospital\_Database\_18**   |  |  |  | | --- | --- | --- | | **Column\_name** | **Data type/size** | **Constrain** | | Hospital\_id | Varchar2/10 | Primary key/ Id start with first letter ‘H’ | | Name | Varchar2/40 | Not null | | Address | Varchar2/30 | Not mandatory | | City | Varchar2/10 |  | | State | Varchar2/30 | Compulsory |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Hos\_id** | **Name** | **Address** | **City** | **State** | | H1231 | Acharya cancer trt. Insti. | PBM campus | Bikaner | Rajsthan | | H4325 | AIIMS |  | Delhi | Delhi | | H7654 | ACTREC | Sector22, utsav chowk | Mumbai | Maharashtra | | H8725 | Army medi. of India |  | New delhi | Delhi | | H7865 | Cachar cancer center | NS avenue | silchar | Assam | | H0525 | Civil Hospital | D bk. MDS off. Asarva | Ahmadabad | Gujarat |   Table name: RSM\_**Doctors\_Database\_18**   |  |  |  | | --- | --- | --- | | **Column\_name** | **Data type/size** | **Constrain** | | Doctor\_id | Varchar2/10 | Primary key/ name start with first letter ‘D’ | | Hospital\_id | Varchar2/20 | Foreign key | | D\_name | Varchar2/30 | Compulsory | | State | Varchar2/20 |  | | Specialisation | Varchar2/30 | Mandatory | | Consulting\_charge | Number/10 | Not null |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Doc\_id** | **Hos\_id** | **D\_name** | **State** | **Specialist** | Consul\_charge | | D4789 | H4325 | K. K. Aggarwal | Delhi | cardiologist | 10200 | | D1611 | H1231 | Indira Nath | Rajsthan | Immunologist | 2500 | | D2702 | H7865 | Nikhil Tandon | Assam | endocrinologist | 7800 | | D0106 | H0525 | Sijata Sharma | Gujarat | biophysicist | 3500 | | D0812 | H8725 | Harsh Mahajan | Delhi | radiologist | 6700 | | D2704 | H7654 | Arvind Kumar | Maharashtra | surgeon | 8200 | | **[07]** |
|  | **Solve the Queries based on above table each carries one marks (Any eight)** | **[08]** |
| **1.** | List all the names of doctors having ‘I’ as the second later in their names. |  |
| **2.** | List the doctor id, state and specialization those who are not in the state of ‘Delhi’. |  |
| **3.** | Find the number of doctors having consulting fees less than or equal to 8500. |  |
| **4.** | Select all information for those records where the state name is seven characters long in hospital\_database\_18. |  |
| **5.** | Retrieve entire content of doctors\_database\_18. |  |
| **6.** | Search those hospitals which are in city and state Delhi. |  |
| **7.** | Select all the details of the hospital in ascending order of the hospital id. |  |
| **8.** | Give commission to doctors as 20% of their consulting fees output remane Commission. |  |
| **9.** | Create a new column named ‘clinic\_center’ same as name column in hospital\_database\_2018. And copy the data from name to clinic\_center, and drop the column name. |  |
| **10.** | Create a new table from doctors\_database\_18 table and name it as consultant\_information which contain only doctor\_id, name and specialization. |  |