|  |  |
| --- | --- |
| **t\_id** | Number(10) |
| **t\_name** | Varchar2(20) |
| **phone** | Number |
| **salary** | Number(7) |
| **email** | Varchar2(30) |
| **blood\_group** | Varchar2(3) |
| **published\_paper** | Number(2) |
| **designation** | Varchar2(15) |

**Lab Performance 03**  
1. Create a table named **Teacher** from following structure using SQL command  
Column Name Data Type

|  |  |
| --- | --- |
| **department** | Varchar2(5) |
| **gender** | Varchar2(6) |

2. Add following columns into the above **Teacher** table:  
Column Name Data Ty

3. Modify the column name **department** into **dept**.  
4. Change type of the column **salary** into **number(7,3).**

5. Drop column **email** from Teacher table.  
6. Change the table name from **Teacher** to **Teachers**.

7. Insert 10 rows of data into the table Teachers

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| t\_id | t\_name | phone | salary | blood\_group | published\_paper | designation | dept | gender |
| 1 | Harry | 123 | 455.86 | B+ | 2 | Lecturer | CSE | Male |
| 2 | Ron | 456 | 245.78 | O+ | 1 | Lecturer | BBA | Male |
| 3 | Hermione | 789 | 789.56 | A+ | 8 | Professor | CSE | Female |
| 4 | Malfoy | 101 | 234.93 | O- | 3 | Instructor | LAW | Male |
| 5 | Bill | 102 | 999.78 | B- | 7 | Professor | EEE | Male |
| 6 | Ginny | 103 | 567.85 | A- | 2 | Lecturer | CSE | Female |
| 7 | Hagrid | 104 | 242.89 | AB+ | 0 | Instructor | ENG | Male |
| 8 | Cedric | 105 | 567.88 | B+ | 7 | Lecturer | CSE | Male |
| 9 | Krum | 106 | 667.34 | AB- | 4 | Instructor | LAW | Male |
| 10 | Neville | 107 | 787.89 | O+ | 6 | Lecturer | BBA | Male |

8. Delete the rows where the number of papers published is less than 2.

9. Update the designation of all teachers to Professor. **\*\*After solving the above questions using Oracle 10g, write the SQLs in a text document (the name of the text document MUST be your ID and the SQLs MUST be numbered accordingly) and upload it in the provided link in your VUES account**