1. Create a DB named “BUBT\_DB1”.
2. Create three tables in this DB named “Student”, “Faculty”, “Course”.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **St\_Id** | **NID** | **Intake** | **Section** | **CGPA** |
| Ashraful | 1 | 102 | 44 | 1 | 3.30 |
| Tonny | 2 | 101 | 44 | 1 | 3.50 |
| Zakir | 33 | 103 | 35 | 2 | 3.98 |
| Urmi | 6 | 104 | 35 | 1 | 3.96 |
| Tonny | 23 | 105 | 44 | 1 | 3.50 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Short Code** | **Course Code** | **Conduct Semester** |
| Farha Akhter Munmun | FAM | CSE 319 | Summer 2019 |
| Sweety Lima | SWL | CSE 209 | Fall 2019-20 |
| Shumi Khatun | SKN | NULL | Summer 2019 |
| Nadia Afrin Ritu | NULL | CSE 351 | NULL |

Student

|  |  |
| --- | --- |
| **Course Title** | **Course Code** |
| Database Systems | CSE 207 |
| Computer Networks | CSE 319 |
| Data Communication | CSE 209 |
| System Analysis Design | NULL |

Faculty

Course

1. a) Update the short code whose short code is NULL.

b) Update the course code that is NULL.

c) Update the conduct semester that is NULL.

d) Add a new column named “Age” in student relation.

e) Update the age of each student.

f) Find the names of all Courses in the Course relation.

g) Find the names of all teachers who has conducted in summer 2019.

h) Find the names of all students whose CGPA is greater than 3.50.

i) Add a new column “Offered semester” after the column “Course Title”.

j) Find the name and CGPA of each student order by their CGPA (Ascending order.).

k) Find the name of all students whose age is greater than 22 and CGPA is greater than 3.50.

l) Find the Id of all those students who are from 44 intake or CGPA is less than 3.40.

m) Find the Id of all those students whose CGPA is 3.30 or 3.50 or 3.96.