**JDBC Programs**

1. Create a database in the localhost with the name “collegedb”.
2. Build a java program to create a table with the following structure:

Table name: studentstable

Column details:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data\_Type** | **Length** |
| rollno | int, primary key | - |
| stuid | varchar | 15 |
| stuname | varchar | 50 |
| stuemail | Varchar | 50 |
| stumob | varchar | 13 |
| stuadd | varchar | 500 |
| stucity | varchar | 100 |
| studept | varchar | 15 |
| stucourse | varchar | 50 |

1. Build a java program to insert records into the table “studentstable”.

Rollno for ECE starting number 101, EEE 201, CSE 301, MECH 401, CIVIL 501

Stuid should be the combined string of 24+Deptcode+rollno. Eg)24EEE201

Insert 5 records for each department using the java program.

1. Create a table with the following Structure:

TableName: departments

|  |  |  |
| --- | --- | --- |
| ColumnName | Data\_type | Length |
| deptid | Int auto increment primary key |  |
| deptname | varchar | 30 |
| deptcode | varchar | 10 |