1. Write a JDBC Program to access the Student Information database of your class. Have fields such as Name, Roll Number, Age, CGPA, Company Placed for 25 students. Have three companies namely TCS, CTS and Infosys with 5 records each. Write suitable SQL Queries to accomplish the following tasks:
   - Retrieve students names and roll number whose CGPA is greater than 8
   - Retrieve roll numbers of students who are placed in "Infosys"
   - Sort the students based on the roll numbers

2. Write a JavaScript program embedded on a HTML page to create a form for applying for the B.Tech Entrance examination. The form should contain the following details:

-> Name of the student (First name, middle name and last name): should be a text field, where first and last name is mandatory.

-> Permanent Address (house number and name, street number and name, locality, city, State, country and zip code): give a drop down list of country to choose and remaining should be text box or text area

-> Communication Address (house number and name, street number and name, locality, city, State, country and zip code): give a drop down list of country. If the communication address is same as permanent address then transfer the content to these fields.

-> Name of the parent (First name, middle name and last name): should be a text field, where first and last name is mandatory.

-> email address of parent: should have two text box separated by @. Specifically check the validity of second text box.

-> Educational Qualification of parent/guardian; Include all previous schools that you have studied.

-> Name of the school, Register number and Marks in the Qualifying examination: 10_{th} /SSLC and +2/HSC.

-> Age of the student- if the person is a minor then request for guardian name and address. Give the age group as drop down list.

-> Sex – use radio buttons

-> Date of birth of student: use drop down box.

-> Occupation of the parent: should be a drop down box.

-> Religion: should be a drop down box

-> Nationality: should be a drop down box

-> Identification Marks: should be a text field.

Check the validity of the fields and generate the completed form as an outcome. Use style sheets for designing the form and the completely filled-in application.