**Instructions:**

Please share your answers filled in line in the Word document. Submit code separately wherever applicable.

Please ensure you update all the details:

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_ Batch ID:** \_\_\_\_\_\_\_\_\_\_\_

**Topic: Introduction to sql and sql commands**

1. What is SQL, and what are some common uses for it in database management?
2. What is a foreign key in SQL, and how is it used to establish relationships between tables?

**DATABASE CREATE:-**

1. Create a database ‘classroom’
2. Create a table named ‘science\_class’ with the following properties

3 columns(enrollment\_no int, name varchar, science\_marks int)

**INSERTING & IMPORTING:-**

1. Insert the following data into science\_class using insert into command

| 1 | popeye | 33 |
| --- | --- | --- |
| 2 | olive | 54 |
| 3 | brutus | 98 |

1. Import data from CSV file ‘student.csv’ attached in resources to science\_class to insert data of next 8 students

**SELECT & WHERE:-**

1. Retrieve all data from the table ‘Science\_Class’
2. Retrieve the name of students who have scored more than 60 marks
3. Retrieve all data of students who have scored more than 35 but less than 60 marks
4. Retrieve all other students i.e. who have scored less than or equal to 35 or more than or equal to 60.

**UPDATING TABLES:-**

1. Update the marks of popeye to 45
2. Delete the row containing details of the student named ‘robb’
3. Rename column ‘name’ to ‘student\_name’