Practical No. 4

To connect and use database in Node.js Application.

Problem Statement 1:

1. Install MySQL server on your machine by clicking and downloading the following link.
   (https://dev.mysql.com/downloads/mysql/)

2. Configure and run MySQL server.

3. Install 'mysql' external module in your current working directory using npm.

Problem Statement 2:

1. Write a Node.js Application to create a database named 'AWAMAD' by connecting to MySQL server.

2. Write a Node.js Application to create a table named
   a. **Batch T6** – 'Department' with columns 'dept_id', 'dept_name', 'dept_hod', and 'std_count'.
   b. **Batch T7** – 'Club' with columns 'club_id', 'club_name', 'club_head', and 'club_count'.
   c. **Batch T8** – 'Team' with columns 'team_id', 'team_name', 'team_lead', and 'team_count'.

3. Write a Node.js application to insert the data in the appropriate table.

4. Write a Node.js Application to retrieve the data from the selected table and display it on the console. (Use different queries to retrieve the data from the table.)