

Kigali 13/10/2023  
Ministry of Education  
Rwanda TVET Board  
World Mission High School  
Sector: ICT  
Trade: Software Development  
Level:5

## DATABASE HOMEWORK

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Question 1: Basic SQL Queries Write an SQL query to retrieve all columns from the "Employees" table where the job title is 'Manager' and the department is 'Sales'.

Question 2: Explain the difference between the SQL commands INSERT, UPDATE, and DELETE. Provide a brief example for each command.

Question 3: Describe the purpose of the SQL command SELECT and provide an example of how it is used to retrieve specific columns from a table.

Question 4: Describe the SQL operator LIKE. How is it used in SQL queries, and what is its significance when searching for specific patterns in data?

Question 5: Data Modification Suppose there is an "Orders" table with columns "OrderID," "ProductID," and "Quantity." Write an SQL query to update the "Quantity" column to 10 for all rows where "ProductID" is 1001.

END