Tutorial Week 8

Our readings (lecture notes and video lecture) this week discuss the **JDBC (Java Database connectivity)**. Write the answers for all questions in the table according to your understanding. **PLEASE USE YOUR OWN WORDS. DO NOT COPY FROM THE WEB.**

Questions	Answers
1. What are the advantages of developing database applications using Java?	
2. Describe the following JDBC interfaces: **Driver, Connection, Statement,** and **ResultSet**.	
3. Write a code fragment to load a JDBC driver.	
4. Create a connection object using **DriverManager.getConnection()** method.	
5. Describe the differences between **execute**, **executeQuery**, and **executeUpdate**.	
6. Given SQL statement in the following code. String SQL = "Update Employees SET age = ? WHERE id = ?"; - Create a Statement Object - Create a PreparedStatement Object	