JAVA Advanced

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Assignment

Create a Java project which:

1. Takes in assignment related information (name, prg_language, status update) in XML file

2. Parses the xml (Preferably using JAXB)

3. Create a custom annotation to Capitalize names (name, language) in the assignment data and add date whenever you are processing a new record.

4. Store details in MySQL DB using JDBC

ANSWER

XML to Java using JAXB

```
Assignments [assignments=[Assignment [name=advanced_java, review=in progress, id=1],
```

Custom Annotations

```java
import java.lang.annotation.Documented;
import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

@Retention(RetentionPolicy.RUNTIME)
@Target({ElementType.FIELD})
@Documented
public @interface CustomCapital {

    String capital();

}
```
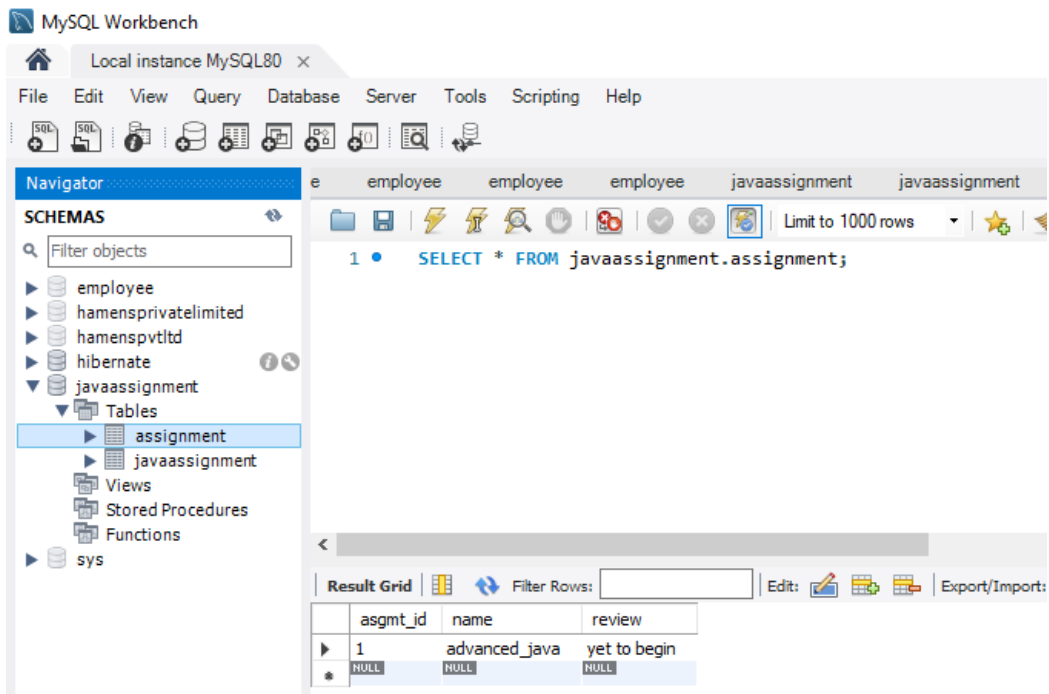
Connecting to SQL Server using JDBC and inserting data

```
Successfully connected to My Sql DB
```

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