QUOTE OF THE DAY

Purushotham Palla

Java Full Stack Web Development

Create a database:

create database quote_db;

use quote_db;

create table users(

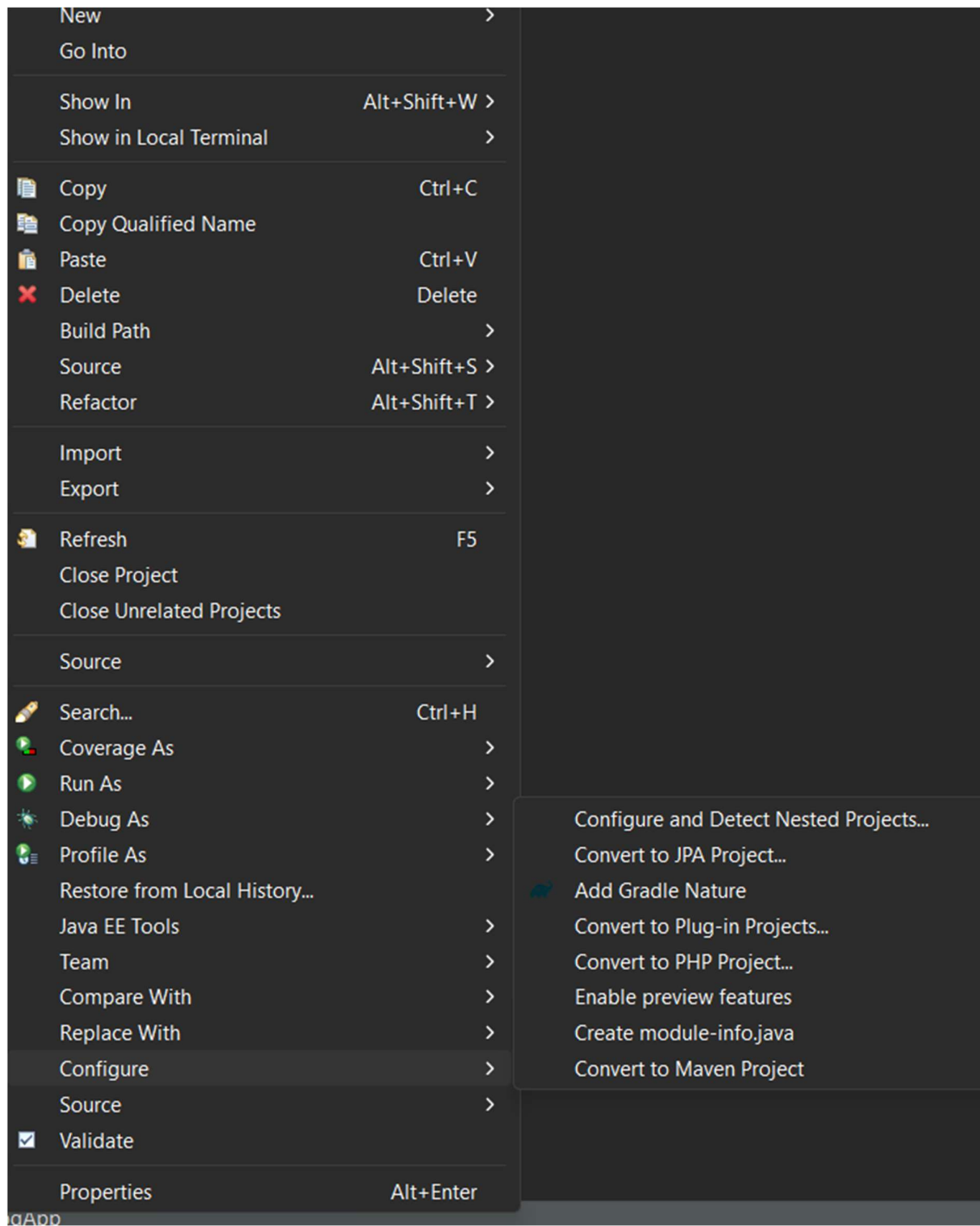id int primary key auto_increment,

name varchar(200) not null unique,

password varchar(200) not null);

Project Phases

Creating java project

Follow some steps:

Create Java Dynamic Web Project

Click on project

It will display

New	>
Go Into	
Show In	Alt+Shift+W >
Show in Local Terminal	>
Copy	Ctrl+C
Copy Qualified Name	
Paste	Ctrl+V
Delete	Delete
Build Path	>
Source	Alt+Shift+S >
Refactor	Alt+Shift+T >
Import	>
Export	>
Refresh	F5
Close Project	
Close Unrelated Projects	
Source	>
Search...	Ctrl+H
Coverage As	>
Run As	>
Debug As	>
Profile As	>
Restore from Local History...	
Java EE Tools	>
Team	>
Compare With	>
Replace With	>
Configure	>
Source	>
Validate	
Properties	Alt+Enter

Configure and Detect Nested Projects...
Convert to JPA Project...
Add Gradle Nature
Convert to Plug-in Projects...
Convert to PHP Project...
Enable preview features
Create module-info.java
Convert to Maven Project

Click on configure and convert to maven project

In pom.xml it will shows and add dependencies

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>QuoteOfTheDay</groupId>
  <artifactId>QuoteOfTheDay</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <packaging>war</packaging>
  <build>
    <plugins>
      <plugin>
        <artifactId>maven-compiler-
plugin</artifactId>
        <version>3.8.1</version>
        <configuration>
          <release>17</release>
        </configuration>
      </plugin>
      <plugin>
        <artifactId>maven-war-plugin</artifactId>
        <version>3.2.3</version>
      </plugin>
    </plugins>
  </build>

  <dependencies>
    <dependency>
      <groupId>org.apache.httpcomponents</groupId>
      <artifactId>httpclient</artifactId>
      <version>4.5.13</version>
    </dependency>

    <dependency>
      <groupId>com.fasterxml.jackson.core</groupId>
      <artifactId>jackson-databind</artifactId>
      <version>2.12.3</version>
    </dependency>


    <dependency>
      <groupId>org.apache.tomcat</groupId>
      <artifactId>tomcat-catalina</artifactId>
      <version>9.0.88</version>
```

```xml
        </dependency>

        <dependency>
            <groupId>mysql</groupId>
            <artifactId>mysql-connector-java</artifactId>
            <version>8.0.30</version>
        </dependency >


    </dependencies>


</project>
```

Add mysql dependencies

```xml
<dependency>
            <groupId>mysql</groupId>
            <artifactId>mysql-connector-java</artifactId>
            <version>8.0.30</version>
        </dependency >
```

Apache client

```xml
<dependency>
            <groupId>org.apache.httpcomponents</groupId>
            <artifactId>httpclient</artifactId>
            <version>4.5.13</version>
        </dependency>
```

Tomcat

```xml
<dependency>
            <groupId>org.apache.tomcat</groupId>
            <artifactId>tomcat-catalina</artifactId>
            <version>9.0.88</version>
        </dependency>
```

```
jackson-databind
```

```xml
<dependency>
        <groupId>com.fasterxml.jackson.core</groupId>
        <artifactId>jackson-databind</artifactId>
        <version>2.12.3</version>
    </dependency>
```

Project video Link:
https://drive.google.com/file/d/17xBKFXeFC5aaAu0MbyGYWGB1Vgr_IWkf/view?usp=drivesdk