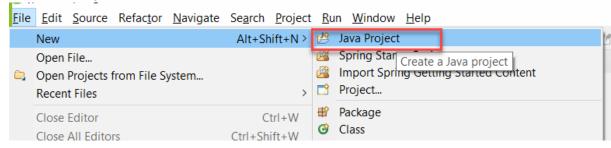
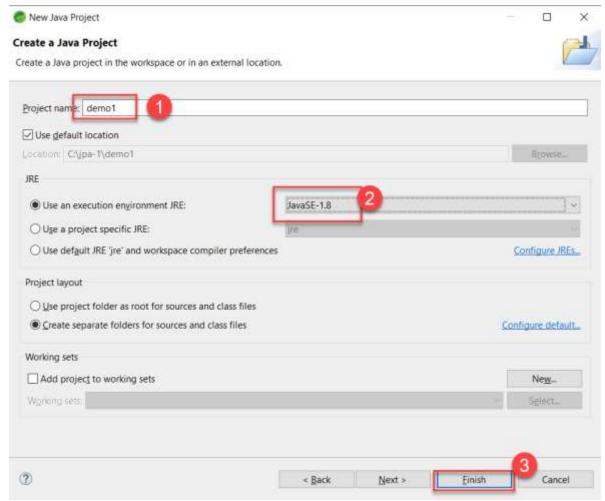
Demo1

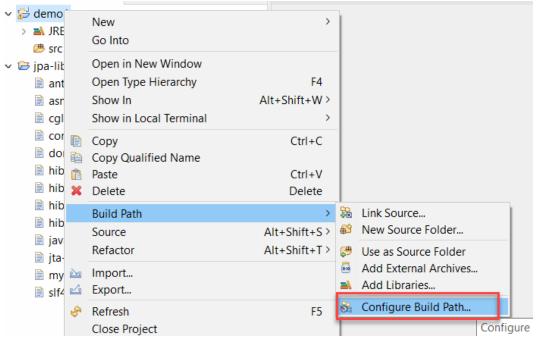
1. New "Java Project"



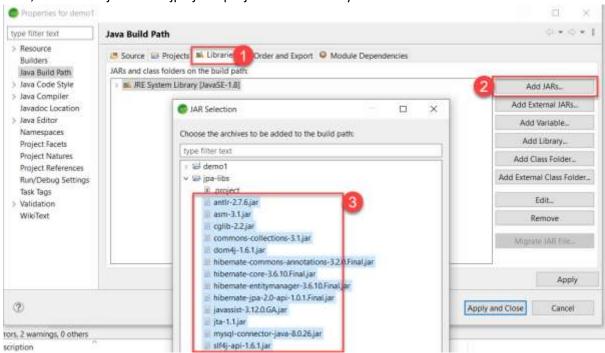
2. Create "demo1" with Java-SE8



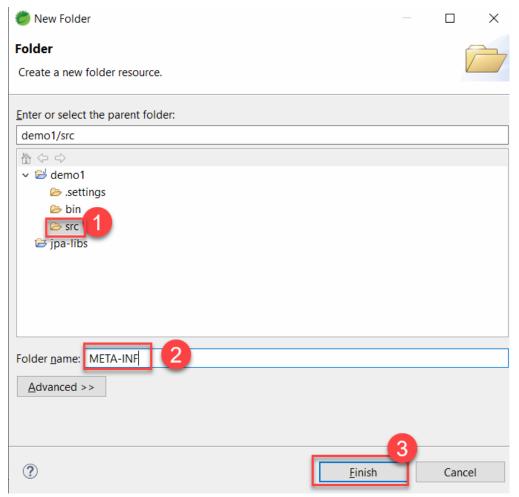
3. Once project is created, goto "Build Path" > Configure Build Path



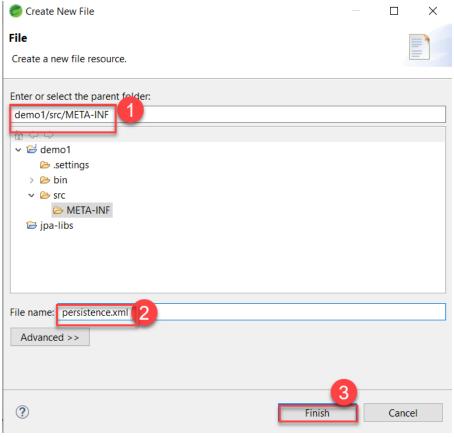
4. Now, Add All the jars from "jpa-jars" project as new library:



5. Right click on project "demo1" and create new "Folder" (DO NOT USE Source Folder)



- 6. Inside META-INF create a persistence.xml file.
- 7. Create a new File (CTRL+N > File)



8. Please add following lines to persistence.xml

NOTE: Please replace username "mahendra" with your mysql username and also replace the password.

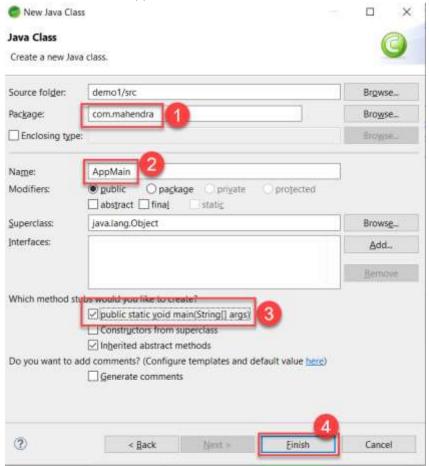
```
<?xml version="1.0" encoding="UTF-8"?>
<persistence xmlns="http://java.sun.com/xml/ns/persistence"</pre>
            xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
             xsi:schemaLocation="http://java.sun.com/xml/ns/persistence
                     http://java.sun.com/xml/ns/persistence/persistence_2_0.xsd"
 version="2.0">
        <persistence-unit name="JPA-PU" transaction-type="RESOURCE_LOCAL">
                org.hibernate.ejb.HibernatePersistence
                <class>com.mahendra.Country</class>
                cproperties>
                        cproperty name="javax.persistence.jdbc.url"
value="jdbc:mysql://localhost:3306/world_x" />
                        cproperty name="javax.persistence.jdbc.user" value="mahendra" />
                        cproperty name="javax.persistence.jdbc.password" value="Pass@1234" />
                        cproperty name="javax.persistence.jdbc.driver"
value="com.mysql.cj.jdbc.Driver" />
                        <!-- Inform <u>Hibernate</u> about which Database to use! -->
                        property name="hibernate.dialect"
                                value="org.hibernate.dialect.MySQLDialect"/>
                        <!-- Display all generated Queries!! -->
                        cproperty name="hibernate.show_sql" value="true"/>
                        <!-- Generate table schema (using DDL Queries)
                                drop if exists -->
                </properties>
        </persistence-unit>
        </persistence>
```

9. Create a new Class "Country" in package "com.mahendra"

```
package com.mahendra;
import javax.persistence.*;
@Entity
@Table(name="country")
public class Country {
      @Id
      @Column(length = 3, name="Code")
      private String code;
      @Column(length = 52, name="Name")
      private String name;
      @Column(name="Capital")
      private Integer capital;
      @Column(name="Code2", length = 2)
      private String code2;
      public String getCode() {
             return code;
      public void setCode(String code) {
             this.code = code;
      }
      public String getName() {
             return name;
      public void setName(String name) {
             this.name = name;
      public Integer getCapital() {
             return capital;
      public void setCapital(Integer capital) {
             this.capital = capital;
      }
      public String getCode2() {
             return code2;
      }
      public void setCode2(String code2) {
             this.code2 = code2;
      }
      //Empty Constructor
      public Country() {
             super();
             // TODO Auto-generated constructor stub
      }
```

}

10. Create a new Class "AppMain" with "main" method



11. Now, the code for Main

12. Run as Java Application.