

Employee.java

```
package com.emp.sample;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;

@Entity
@Table(name="test")
public class Employee {

    @Id
    @Column(name = "IRCTC_ID", nullable = false, unique = true, length = 20)
    private String userId;

    @Column(name = "IRCTC_Password", nullable = false)
    private String password;

    @Column(name = "Security_Question", nullable = false)
    private String securityQuestion[];

    @Column(name = "Security_Answer", nullable = false)
    private String securityAnswer;

    @Column(name = "first_name", nullable = false)
    private String firstName;

    private String middleName;

    private String lastName;

    @Column(name = "Gender_type", nullable = false)
    private String gender[] = { "Male", "Female", "Other" };

    @Column(name = "Marital_status", nullable = false)
    private String maritalStatus[] = { "Married", "Single" };
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@Column(name = "DOB", nullable = false)

private String dob;

@Column(name = "Occupation", nullable = false)

private String[] occupation = { "Goverment", "Public", "Private", "Professional",
"SelfEmployee", "studets",

        "Others" };

@Column(name = "aadhar_Number", nullable = true)

private long aadharNO;

@Column(name = "Pan_Card_Number", nullable = true)

private long pan;

@Column(name = "Country_Name", nullable = false)

private String country[];

@Column(name = "gmail", nullable = false, unique = true)

private String mail;


public String getUserId() {

    return userId;

}

public Employee(String userId, String password, String[] securityQuestion, String
securityAnswer, String firstName,

        String middleName, String lastName, String[] maritalStatus, String dob,
long aadharNO, long pan,

        String[] country, String mail) {

    super();

    this.userId = userId;

    this.password = password;

    this.securityQuestion = securityQuestion;

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        this.securityAnswer = securityAnswer;

        this.firstName = firstName;

        this.middleName = middleName;

        this.lastName = lastName;

        this.maritalStatus = maritalStatus;

        this.dob = dob;

        this.aadharNO = aadharNO;

        this.pan = pan;

        this.country = country;

        this.mail = mail;
    }

    public void setUserId(String userId) {
        this.userId = userId;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    public String[] getSecurityQuestion() {
        return securityQuestion;
    }

    public void setSecurityQuestion(String[] securityQuestion) {
        this.securityQuestion = securityQuestion;
    }
}
```

```
public String getSecurityAnswer() {  
    return securityAnswer;  
}  
  
public void setSecurityAnswer(String securityAnswer) {  
    this.securityAnswer = securityAnswer;  
}  
  
public String getFirstName() {  
    return firstName;  
}  
  
public void setFirstName(String firstName) {  
    this.firstName = firstName;  
}  
  
public String getMiddleName() {  
    return middleName;  
}  
  
public void setMiddleName(String middleName) {  
    this.middleName = middleName;  
}  
  
public String getLastName() {  
    return lastName;  
}  
  
public void setLastName(String lastName) {  
    this.lastName = lastName;  
}
```

```
public String[] getMaritalStatus() {  
    return maritalStatus;  
}  
  
public void setMaritalStatus(String[] maritalStatus) {  
    this.maritalStatus = maritalStatus;  
}  
  
public String getDob() {  
    return dob;  
}  
  
public void setDob(String dob) {  
    this.dob = dob;  
}  
  
public long getAadharNO() {  
    return aadharNO;  
}  
  
public void setAadharNO(long aadharNO) {  
    this.aadharNO = aadharNO;  
}  
  
public long getPan() {  
    return pan;  
}  
  
public void setPan(long pan) {  
    this.pan = pan;  
}  
  
public String[] getCountry() {  
    return country;  
}
```

```
}  
  
public void setCountry(String[] country) {  
    this.country = country;  
}  
  
public String getMail() {  
    return mail;  
}  
  
public void setMail(String mail) {  
    this.mail = mail;  
}  
  
public String[] getGender() {  
    return gender;  
}  
  
public void setGender(String[] gender) {  
    this.gender = gender;  
}  
  
public String[] getOccupation() {  
    return occupation;  
}  
  
public void setOccupation(String[] occupation) {  
    this.occupation = occupation;  
}  
  
}
```

Solution.java

```
package com.emp.main;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.cfg.Configuration;
import com.emp.sample.Employee;

public class Solution {

    public static void main(String[] args) throws IOException {

        SessionFactory sf = new Configuration().configure().buildSessionFactory();
        Session session = sf.openSession();
        session.beginTransaction();

        BufferedReader bf = new BufferedReader(new
InputStreamReader(System.in));

        System.out.println("Hello ");

        String[] country = { "america", "Australiya", "india" };

        System.out.println("Enter the mail ID :");

        String mail = bf.readLine();

        System.out.println("Enter the miidle name : ");

        String middleName = bf.readLine();

        System.out.println("Enter the password : ");

        String password = bf.readLine();

        System.out.println("Enter the aadhar number : ");
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        long aadharNO = Long.parseLong(bf.readLine());

        System.out.println("Enter the last name");

        String lastName = bf.readLine();

        System.out.println("date of birth");

        String dob = bf.readLine();

        System.out.println("Enter the pancard number : ");

        long pan = Long.parseLong(bf.readLine());

        System.out.println("Enter the security answer : ");

        String securityAnswer = bf.readLine();

        String[] securityQuestion = { "" };

        System.out.println("Enter the first name");

        String firstName = bf.readLine();

        String[] maritalStatus = { "what is parent name?", "name of first school",
"who is your childhood hero",

                                "favorite past time", "what did u first meet your spouse" };

        System.out.println("UserId");

        String userId = bf.readLine();

        Employee employee = new Employee(userId, password,
securityQuestion, securityAnswer, firstName, middleName,

                                lastName, maritalStatus, dob, aadharNO, pan, country,
mail);

        session.save(employee);

        System.out.println("exit");

        session.getTransaction().commit();

        session.close();

    }

}

```


Hibernate.cfg.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- ~ Hibernate, Relational Persistence for Idiomatic Java ~ ~ License: GNU Lesser General
Public License (LGPL), version 2.1 or later. ~ See the lgpl.txt file in the root directory or
<http://www.gnu.org/licenses/lgpl-2.1.html>. -->
<!DOCTYPE hibernate-configuration SYSTEM "http://www.hibernate.org/dtd/hibernate-
configuration-3.0.dtd" PUBLIC "-//Hibernate/Hibernate Configuration DTD 3.0//EN">
<hibernate-configuration><session-factory>
<!-- Database connection settings -->
<property name="connection.driver_class">com.mysql.jdbc.Driver</property><property
name="connection.url">jdbc:mysql://localhost:3306/sample</property><property
name="connection.username">root</property><property name="connection.password"/>
<!-- JDBC connection pool (use the built-in) -->
<property name="connection.pool_size">10</property>
<!-- SQL dialect -->
<property name="dialect">org.hibernate.dialect.MySQL5Dialect</property>
<!-- Disable the second-level cache -->
<property
name="cache.provider_class">org.hibernate.cache.internal.NoCacheProvider</property>
<!-- Echo all executed SQL to stdout -->
<property name="show_sql">true</property>
<!-- Drop and re-create the database schema on startup -->
<property name="hbm2ddl.auto">create</property>
<!-- Names the annotated entity class -->
<mapping class="com.emp.sample.Employee"/></session-factory></hibernate-configuration>
```