Java Hibernate - Setting Hibernate Entity Class

Create Script

```
CREATE TABLE `hibernateproj`.`users` (
    `user_id` INT NOT NULL, `username` VARCHAR(45) NULL,
    `password` VARCHAR(45) NULL, `first_name` VARCHAR(45) NULL,
    `last_name` VARCHAR(45) NULL,
     PRIMARY KEY (`user_id`)
);
```

```
INSERT INTO `hibernateproj`.`users` (`user_id`, `username`, `password`, `first_name`,
`last_name`) VALUES ('Manoj', '1234', 'manoj', 'desh');
INSERT INTO `hibernateproj`.`users` (`user_id`, `username`, `password`, `first_name`,
`last_name`) VALUES ('Hillary', '5678', 'hill', 'artech');
```

If Auto Increment not added, then use below script in MYSQL.

```
ALTER TABLE users MODIFY user_id INTEGER NOT NULL AUTO_INCREMENT;
```

Create a new Java Class -> Users   ::   Package Name : org.studyeasy.entity
How the ORM will understand it is tables? The answer is we make use of annotations.
Below is the source code of Users with Annotations.

```java
package org.studyeasy.entity;

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

@Entity(name="users")
@Table(name="users")
public class Users {

@Id
@Column(name="user_id")
int userId;

@Column(name="username")
String username;

@Column(name="password")
String password;

@Column(name="first_name")
String firstname;

@Column(name="last_name")
String lastname;

//It is better idea to add constructor.
public Users(String username, String password, String firstname, String lastname) {
    super();
    this.username = username;
    this.password = password;
    this.firstname = firstname;
    this.lastname = lastname;
}
```

```java
//It is better idea to add getters and setters.
public int getUserId() {
    return userId;
}
public void setUserId(int userId) {
    this.userId = userId;
}

public String getUsername() {
    return username;
}

public void setUsername(String username) {
    this.username = username;
}

public String getPassword() {
    return password;
}

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

public String getFirstname() {
    return firstname;
}

public void setFirstname(String firstname) {
    this.firstname = firstname;
}

public String getLastname() {
    return lastname;
}

public void setLastname(String lastname) {
    this.lastname = lastname;
}
}
```