Department of CSE

<u>**Convert Class Diagram to Java Code**</u>

Course Title : *System Analysis and Design Lab*
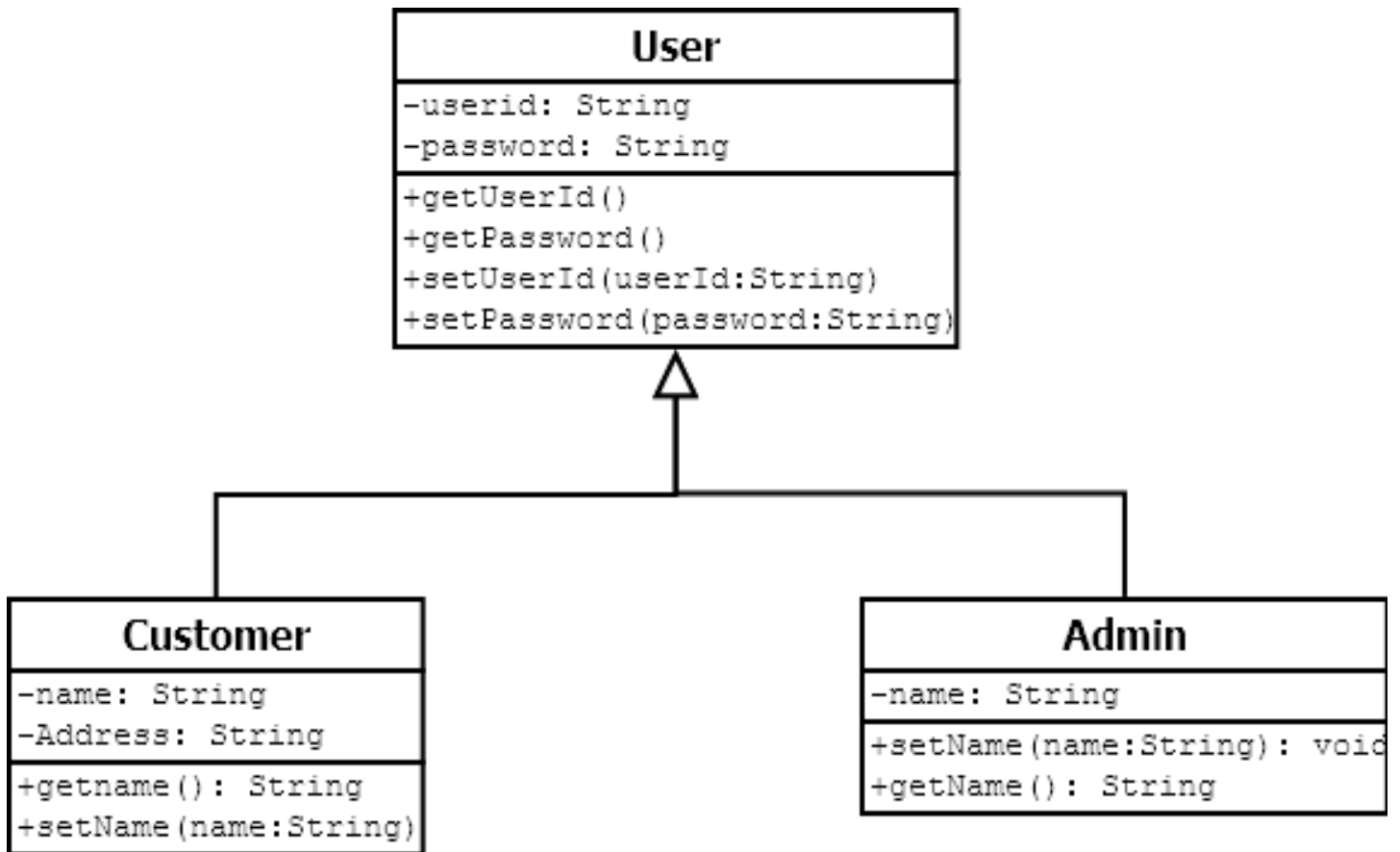
Course Code : *CSE 326*

Submitted By

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Batch **:** *44th*

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Given Class Diagram

Converting above diagram to java code:

Main Class: Test.java

```java
public class test {

    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Customer cus1=new Customer();
        cus1.setName("Md. Robin Hassan");
        cus1.setAddress("Atibazar, Keranigonj, Dhaka");

        System.out.println("Name:"+cus1.getName());
        System.out.println("Address:"+cus1.getAddress());
```

```java
        User person1=new User();
        person1.setUserId("Robin");
        person1.setPassword("123456");

        System.out.println("Username:"+person1.getUserId());
        System.out.println("Password:"+person1.getPassword());

        Admin admin1=new Admin();
        admin1.setName("Sharful Islam");
        System.out.println("Admin Name:"+admin1.getName());



    }

}
```
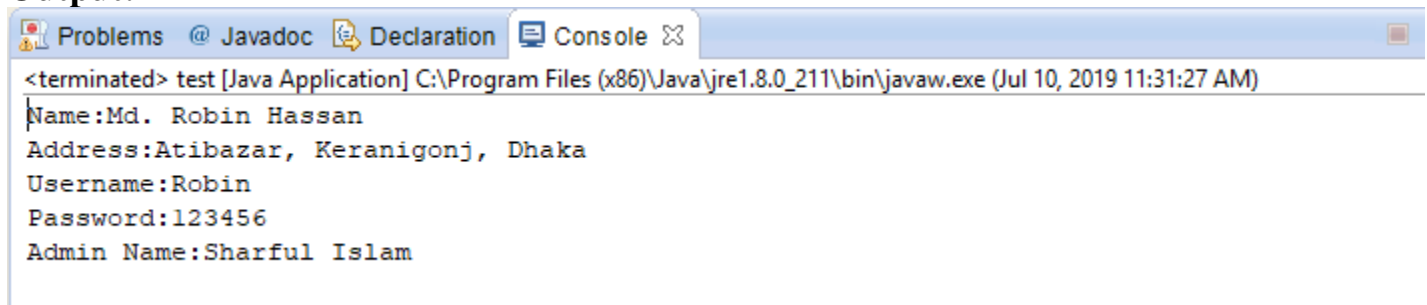
Output:


```
Problems  @ Javadoc  Declaration  Console
<terminated> test [Java Application] C:\Program Files (x86)\Java\jre1.8.0_211\bin\javaw.exe (Jul 10, 2019 11:31:27 AM)
Name:Md. Robin Hassan
Address:Atibazar, Keranigonj, Dhaka
Username:Robin
Password:123456
Admin Name:Sharful Islam
```

User Class: User.java

```java
public class User {
    private String userId;
    private String password;


    public String getUserId() {
        return userId;
    }
    public void setUserId(String userId) {
        this.userId = userId;
    }
    public String getPassword() {
        return password;
    }
```

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


}
```

Customer Class: Customer.java

```java
public class Customer {
    private String name;
    private String address;


    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public String getAddress() {
        return address;
    }
    public void setAddress(String address) {
        this.address = address;
    }


}
```

Admin Class: Admin.java

```java
public class Admin {
    private String name;

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }


}
```