

# Association Codes

**Neegar Sultana**

**ID: 171442513**

## Main Class

```
package Neegar sultana;
```

```
public class Main {
```

```
    public static void main(String[] s) {
```

```
        Admin a = new Admin();
```

```
        a.name = "Neegar Sultana";
```

```
        System.out.println(a);
```

```
        Address address1=new Address("Nawabpur", "Dhaka", "Bangladesh");
```

```
        Customer c = new Customer("Neegar Sultana", address1);
```

```
        System.out.println(c);
```

```
    }
```

```
}
```

## User Class

```
package neegar sultana;
```

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

## **Customer Class**

```
package neegar sultana;  
  
public class Customer extends User {  
  
    private String name;  
    Address address;  
  
    public Customer(String name, Address address)  
    { this.name = name;
```

```

        this.address = address;
    }

    public String getName() {
        return name;
    }

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

    @Override
    public String toString() {
        return "Customer [User ID = " + name + ", address=" + address + "];"
    }
}

```

## **Admin Class**

```

package neegar_sultana;

class Admin extends User {
    public String name;

    public String getName() {
        return name;
    }
}

```

```
public void setName(String ID) {  
    this.name = ID;  
}  
  
@Override  
public String toString() {  
    return "Admin [User ID = " + name + "];"  
}  
}
```

## **Address Class**

```
package neegar_sultana;  
  
public class Address {  
    private String city,state,country;  
  
    public Address(String city, String state, String country)  
    { this.city = city;  
      this.state = state;  
      this.country = country;  
    }  
  
    public String getCity() {  
        return city;  
    }  
  
    public void setCity(String city) {  
        this.city = city;  
    }  
}
```

```
}
```

```
public String getState() {
```

```
    return state;
```

```
}
```

```
public void setState(String state) {
```

```
    this.state = state;
```

```
}
```

```
public String getCountry() {
```

```
    return country;
```

```
}
```

```
public void setCountry(String country) {
```

```
    this.country = country;
```

```
}
```

```
@Override
```

```
public String toString() {
```

```
    return "Address [city=" + city + ", state=" + state + ", country=" + country + "];"
```

```
}
```

```
}
```