

# Association Codes

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## Main Class

```
package ariful_islam;

public class Main {

    public static void main(String[] s) {

        Admin a = new Admin();
        a.name = "Shah Muhammad Arif";

        System.out.println(a);

        Address address1=new Address("Dinajpur Sadar", "Dinajpur", "Bangladesh");
        Customer c = new Customer("Shah Muhammad Arif", address1);

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

## User Class

```
package ariful_islam;

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 ariful_islam;  
  
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 ariful_islam;

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 ariful_islam;  
  
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 + "];"
```

```
}
```

```
}
```