

Arrays can be declared for predefined data types and user defined data types

```
class UserProfile {  
  
    int userId;  
    String userName;  
    long contactNo;  
    String city;  
  
    public UserProfile(int userId, String userName, long contactNo, String city) {  
        this.userId = userId;  
        this.userName = userName;  
        this.contactNo = contactNo;  
        this.city = city;  
    }  
}
```

```
class UserDetails {  
  
    int userDetailsId;  
    UserProfile[] userProfiles;  
  
    public UserDetails(int userDetailsId, UserProfile[] userProfiles) {  
        this.userDetailsId = userDetailsId;  
        this.userProfiles = userProfiles;  
    }  
  
    public void getDetails() {  
  
        System.out.println("\t" + "User Details");  
        System.out.println(userDetailsId);  
        for (UserProfile userProfile : userProfiles) {  
            System.out.println(userProfile.userId);  
            System.out.println(userProfile.userName);  
            System.out.println(userProfile.contactNo);  
            System.out.println(userProfile.city);  
        }  
    }  
}
```

```
public class Client {
```

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

```
        UserProfile userProfile = new UserProfile(1, "Sai Kiran", 987654321, "Hyd");
```

```
        UserProfile[] profiles = { userProfile };
```

```
        UserDetails details = new UserDetails(1, profiles);
```

```
        details.getDetails();
```

```
    }
```

```
}
```

User Details

1

1

Sai Kiran

987654321

Hyd