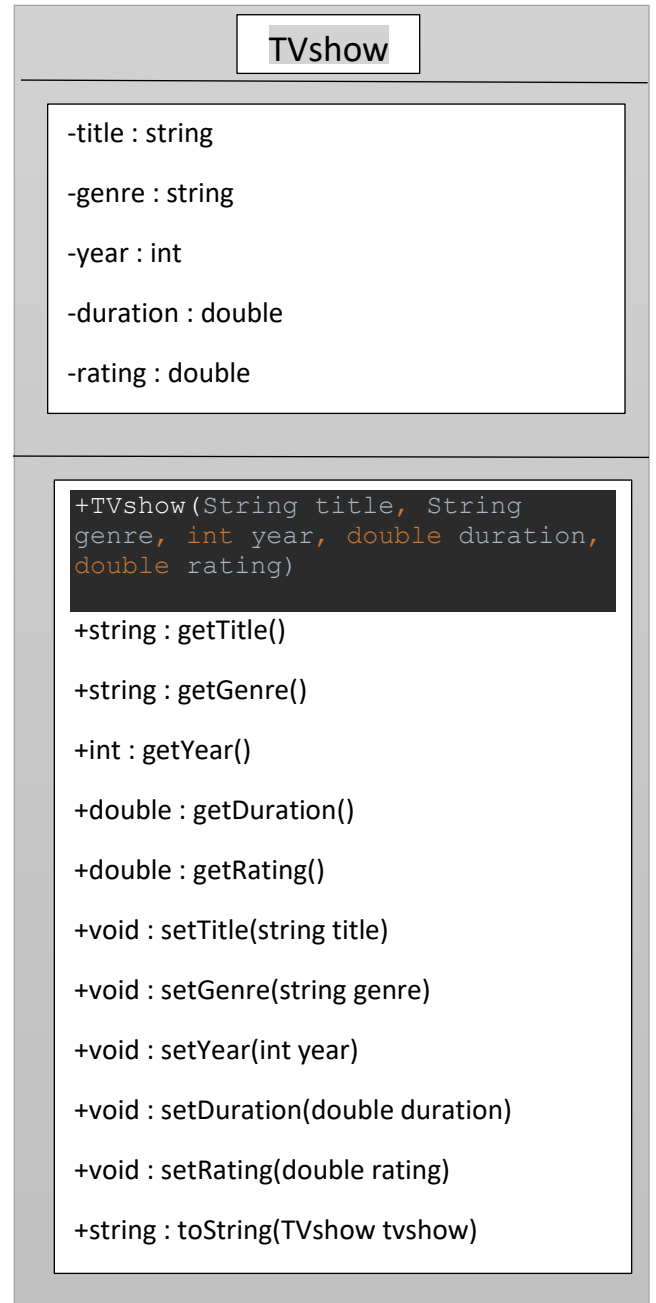
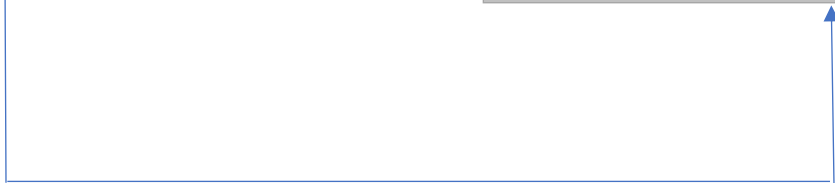


SubClass



SuperClass



## NetflixService

-UserList : ArrayList<User>  
-TVshowList : ArrayList<TVshow>  
-movieList : ArrayList<Movie>

**+NetflixService ()**

+void : addTVshow(TVshow tvshow)  
+void : addMovie(Movie movie)  
+void : creatAccount(User user)  
+Boolean : login(string username, string password)  
+void : logout()  
+ArrayList : searchByTitle(string title)  
+ArrayList : searchByGenre(string genre)  
+ArrayList : searchByYear(int year)  
+void : viewUsers()  
+void : viewTvshows()  
+void : viewMovies()

## User

-username : string  
-password : string  
-favoriteList : ArrayList<TVshow>

**+User(String username, String password)**

+User()

+string : getUsername()  
+string : getPassword()  
+void : setUsername(string username)  
+void : setPassword(string password)  
+ArrayList : searchByTitle(string title)  
+ArrayList : searchByGenre(string genre)  
+ArrayList : searchByYear(int year)  
+void : addToFavorites()  
+void : viewFavorites()

**+ArrayList : getRecommendations(string showName)**