

```
public class AccessHandler {
    UserSession session;

    public void handleLogin(String user, String password) {
        #ifdef SECURE_LOGIN
        if (!authenticate(user, password)) {
            throw new SecurityException("Login failed");
        }
        #endif

        #ifdef CACHING
        session = Cache.get(user);
        if (session == null) {
            session = new UserSession(user);
            Cache.put(user, session);
        }
        #endif

        #ifdef LOGGING
        Logger.log("User " + session.getUser() + " logged in at " + System.
            currentTimeMillis());
        #endif
    }

    #ifdef SECURE_LOGGIN
    private boolean authenticate(String user, String password) {
        return user.equals("admin") && password.equals("1234");
    }
    #endif
}
```