CPTR 427 Lab #02 Name

WebGoat and Scarab 2/5/2009

# Introduction

* Web Proxies and WebScarab
* WebGoat Tour and Demo

# Lab Operations & Goals

## Windows XP Setup:

1. Install Java
2. Install WebGoat
3. Install WebScarab

## Lab Operations

1. Download and install java jdk6u11 from <http://java.sun.com/javaee/downloads/index.jsp>
2. Download WebGoat from: <http://code.google.com/p/webgoat/>
3. Download WebScarab from: <http://sourceforge.net/project/showfiles.php?group_id=64424&package_id=61823>
4. Install java jdk6u11
5. Install WebScarab
6. Unzip the webgoat application into a directory of your choice (documents directory perhaps).

### Start WebGoat

Run: WebGoat-5.2\webgoat.bat. Take a few minutes and browse the applications by going to <http://localhost/WebGoat/attack>. When it asks for a username and password use guest/guest.

### Start WebScarab:

1. Start up WebScarab. It may be in basic mode.
	1. If it is, Go to Tools->Use Full Interface.
	2. Restart WebScarab.
2. Fire up IE and go to Tools->Internet Options->Connections->LAN settings.
3. Check Use proxy server and set address to localhost port 8008.
4. Click OK and OK.
5. On WebScarab go to Proxy->Manual Edit. Check Intercept Requests. Select GET and POST (using the CTRL key to select both).
6. In IE go to <http://localhost./WebGoat/attack>. Notice the dot after localhost, it is required to apply proxy settings on localhost.) WebScarab should already start intercepting. The lessons should work after that.

## Demos:

Using WebScarab reverse the input in the General Lesson on WebGoat so that pressing GO, returns the same value as was input.