An Elementary Computer Scientist's Guide to Creating a Simple Web Site
Web Site File Structure.
The root of the server’s file tree

/ /home2

These strings are called path names.

Your (user id.s) home directory:

/home2/faculty/sdc

(it’s mapped to your "S:" drive)

/home2/faculty/sdc/public_html/index.html

UAlbany’s Web servers serve out this file for the Universal Resource Locator (URL)

http://www.albany.edu/~sdc

and also the URL

http://www.albany.edu/~sdc/index.html

(These are web server (say Apache) default settings that might be changed by web server administrators.)
Here is a URL with an absolute pathname:
http://www.albany.edu/~sdc/tcsi201

INSIDE the file  index.html
anchor tags like
<a href="tcsi201/thing1/thing2">
  Click for a TCSI201 thing
</a>

get displayed as links to a web document stored somewhere under  tcsi201
Here are 4 FILES.
One contains html markup code, and the other three are Java .class files, full of byte codes, names, method signatures, etc.
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2//EN">
<html>
<head>
</head>
<body>
<applet code="app1.class" width=600 height=400></applet>
<br>
<applet code="app2.class" width=600 height=400></applet>
<br>
<applet code="app3.class" width=600 height=400></applet>
</body>
</html>
Protections, easiest under Unix

- `ssh -l (lower case ell) ni323456 itsunix.albany.edu`
- `dir -l` must show:
  - `drwx---x---x` for your home directory
  - `-rwx---x---x` for your public_html and other web directories
  - `-rw-r---r--` for ALL files including index.html, applets.html and the .class files on your website.
Useful commands

- mkdir makes a directory
- `cd "puts you"` in a given directory:
  - `cd (nothing)` puts you in your home
  - `cd ..` puts you one step UP
  - `cd tcsi201` puts you in tcsi201 when you are in public_html
- `chmod 711 dirname` sets `rwx - - x - - x` mode
- `chmod 644 filename` sets `rw- r - - r - -` mode
Getting the files there..

- Use sftp client software on the computer with your files.
- If you are accessing your S: drive, just copy your files there.
- Your URL
  http://www.albany.edu/~netid/tcsi201/applets.html