

How to access the model solutions from the course website

1. Go to the course website and click on the link “Model Solutions of Worksheet 2”. You will be prompted to download a file called “w2solutions.tgz”. Download this file.
2. The downloaded file is a compressed archive which means that it contains several files in it which have been compressed to save space. You cannot use standard editors like 'vi' to open this archive.
3. To extract the files from the archive, type the following at the command prompt:
tar -xvzf w2solutions.tgz (enter)
4. A directory called w2solutions will be created. Go into that directory and you will find all the program and input files necessary for solving worksheet 2.

Useful commands for handling an archive of several files and/or directories

Command	Meaning
<code>tar -cvf name.tar file1 file2 file3</code>	Creates an archive called <i>name.tar</i> that has three files in it named <i>file1 file2 file3</i>
<code>tar -cvzf name.tgz file1 file2 file3</code>	Creates a compressed archive called <i>name.tgz</i> that has three files in it named <i>file1 file2 file3</i>
<code>tar -cvzf name.tgz dirname</code>	Creates a compressed archive called <i>name.tgz</i> that has a directory called <i>dirname</i> in it
<code>tar -cvzf name.tgz dir1 dir2 dir3 dir4</code>	Creates a compressed archive called <i>name.tgz</i> that has four directories called <i>dir1 dir2 dir3 dir4</i> in it
<code>tar -tvf name.tar</code>	Tabulates the list of files/directories in the archive <i>name.tar</i>
<code>tar -tvzf name.tgz</code>	Tabulates the list of files/directories in the compressed archive <i>name.tgz</i>
<code>tar -xvf name.tar</code>	Extracts the files/directories in the archive <i>name.tar</i>
<code>tar -xvzf name.tgz</code>	Extracts the files/directories in the compressed archive <i>name.tgz</i>

Command to transfer an archive from one machine to another machine

scp *name.tar* **icc1@10.28.32.99** : (enter)

This command **securely copies** the file called *name.tar* from your current location to the account with userid **icc1** at the machine with IP address 10.28.32.99

scp **icc1@10.28.32.99** :*name.tar* . (enter)

This command **securely copies** the file called *name.tar* from your account with userid **icc1** at the machine with IP address 10.28.32.99 to your current location