

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