NJIT

New Jersey's Science & Technology University

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Homework: Submission Guidelines
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1   What you need

Item-0. Your NJIT-ID (only last 4 digits). A homework will be denoted as `hw`. Retrieve the last four digits of your NJIT-ID (NOT YOUR SSN) per Handout 0 (section 2) guidelines. For the sake of an example let them be `WXYZ`. If you don't know it, login to `my.njit.edu` to find your NJIT-ID.

In the remainder, we will be using the underscore symbol rather than the dash (minus) symbol, where needed. **The symbol _ is the underscore symbol, not the minus/dash - symbol.** (Java detests dashes and prefers underscores in identifiers, so we use the latter for consistency.)

2   Rules: Moodle and filenames and filetypes

RULE-1. Moodle. You are expected to submit a homework through moodle. If the homework requires writing it should be a pdf document; otherwise it will be a .zip or .tar archive. Thus there are only three filetypes allowable for submission in moodle, as needs: .pdf, .zip, and .tar. The name of all files you submit need to adhere to RULE-2 below.

Make sure you press SUBMIT in moodle to effect a submission. If you press a SUBMIT by accident, an email to the address and protocol of Handout 0 (Section 5) will reset it but the time stamp is going to be that of the resubmission.

RULE-2: Archive file of submission. All files you submit whether in an archive or not must have a `_WXYZ` before the filetype suffix; what `WXYZ` is, it was explained in Item-0 above. If you submit an archive it must be flat with no directories or subdirectories in it. Test it (and unfold it) before you submit it to make sure that no subdirectories are created. Inside every file include your last name in capital letters and then you first/given name(s). (MAC-OSX has a tendency to include hidden or nonhidden directories: you have been warned) Manipulating text files on Windows or MAC-OSX can cause newline, linefeed etc problems.

Example file names. The pdf submission for Homework 1 of a student whose ID ends with 1234 should be `hw1_1234.pdf`. If in Homework 3 there is programming involved the archive can be named `hw3_1234.tar` or `h3_1234.zip` as needed. That archive would contain ALL the files needed for Homework 3 and each one of those files would also include `_1234` in their filenames. This might affect class names in Java, for example. You never submit executable or binary files including .class and .jar.

RULE-3: Submissions that deviate from RULE-1 and RULE-2 get 0 points. A late submission gets penalized 4 points starting at noon of submission time and every hour thereafter.

3   Screen capture, PDF creation, and your name

Screen capture. If you plan to do screen capture you may use Microsoft's snipping tool or other similar tools. Export in .JPG or .PNG preferably. You can include/import/insert those .JPG or .PNG files into a Microsoft Word document. Capture only the relevant area and make sure information is viewable afterwards.
PDF generation. There is a PDF printer driver in Microsoft Word that can be used to convert the resulting document in PDF.
File size limitation. Be considerate: file sizes for submission larger than 5MiB will not be accepted in moodle! Include your name on every document you submit: it must be the first line of every file submitted.

4 VPN

If you connect to an NJIT computer from outside NJIT, you need to establish prior to this connection a VPN connection (eg your home-based PC will have an NJIT IP address).

(How can you verify the establishment of a connection? Type in google my IP address and if your public IP address starts with 128.235, it is an NJIT one.)

This requires you to download an NJIT supplied VPN client. Go to `https://ist.njit.edu/vpn/` or type in Google `NJIT VPN client` and follow through the instructions.

Our suggestion is for you to work inside NJIT and thus to avoid the use of VPN completely.

5 Linux and AFS

Sometimes we might ask you to work on a linux afs machine. If you know nothing about the Linux operating system and its command line-based commands, go to the course web-page and Section B3 has two links (URL) to tutorials that can help you.

AFS machines (AFS stands for Andrew File System, a network-based global file system) are located at GITC (2nd floor) and have names such as oslX.njit.edu or oslXY.njit.edu where X, Y are numeric digits. Machines osl1.njit.edu through osl31.njit.edu should be accessible most of the time by you.

6 Terminal and MobaXterm

In order to access those linux machines from inside NJIT you need to have an ssh (secure shell) client. An ssh client can be accessible or retrievable through a Terminal window (application).

Windows users. NJIT has an enhanced terminal application named MobaXterm, available for download at `http://ist.njit.edu/software-available-download/`.

A terminal application is sometimes known as command window, or command prompt but MobaXterm does more than that. Download it, install it and familiarize with it. You will need it in at least one homework. Included with it there is an ssh client that can be used to connect to other NJIT linux or unix computers.

Mac-OSX users. If you do not own a Windows machine, Mac OSX already has such a program: a MAC terminal available through `Applications->Utilities->Terminal`.

Linux users. A terminal (xterm or uxterm) similar to the ones available to Mac-OSX users serves the same purpose.