Brief Introduction to Computing Requirements

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BitBucket - I

- Central repository for work.
- Create account and repository for team.
- Invite "fwood" and "chemapena" to repository with READ privilege.
- Atlassian provide a comprehensive (if slightly patronising) tutorial on how to do all the above at

https://confluence.atlassian.com/bitbucket/bitbucket-tutorials-teams-in-space-training-ground-755338051.html
Everything must go onto BitBucket for version control, proof of work and collaborative writing.

Access repository through Git (or similar).
Git - I

- Command line interface allowing access to repository.
- Outlines most basic operations and methods.
Git - II

- First clone repository to current directory.
- Edit files ('git status' shows current changes)
- 'git add · · ·' notifies git that · · · should be version controlled
- 'git commit · · ·' commits to your local git repository
  - good documentation of each small change is absolutely necessary for successful collaboration
- 'git push' pushes locally committed changes to a remote repository.
  - may fail! (if others have pushed before you). Pull again.
  - May need to merge if collaborator commits conflict with yours.
LaTeX - I

- Facilitates collaborative writing.
- Provides easy formatting and bibliography.
LaTeX - II

- Download MiKTeX from http://miktex.org/
- Install MiKTeX checking 'install changes on the fly' option.
- Install TexMaker from http://www.xm1math.net/texmaker/download.html
- Download and install BibTeX package from https://www.ctan.org/pkg/bibtex?lang=en
Add any source used straight to `.bib` file to create bibliography as you go.
Beamer - I

- Beamer allows creation of presentations with the benefits of LaTeX.
- Download and install through MiKTeX Package Manager.
- Beamer is compatible with BibTeX and hence you only need one .bib to service all requirements.
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Beamer

Final Remarks
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▶ These requirements take some time and attention to set up.

▶ However they will save you a lot of time in the long run. Especially during completion (in exam season...!)