1. Open the vim.txt file. In the vim.txt file, change all lowercase letters e, s, t, and a to uppercase letters and save the results to a new file called newvim.txt

2. Open the **sachin.txt** file. Replace only the first 12 instances of *Sachin* with *SRT The Great.*

3. Consider the scenario where you are preparing documentation on a given command (say, ls) in vi editor. Now, suppose that you want to write a demo output of the given command in the file. A laymen approach would be to close the vi editor, run the given command in the terminal, copy the output, open the same file again in vi and paste it. What you need to do is to perform the above task without quitting the vi editor.

4. Open ubuntu.txt. Replace ubuntu by UBUNTU_1, UBUNTU_2, UBUNTU_3...till all replaces are replaced. There are 203 instances of ubuntu. So it will be UBUNTU_1, UBUNTU_2, UBUNTU_3...UBUNTU_203.

5. Consider the sentence. "IIT Guwahati has the the most beautiful beautiful campus". Here you would see the words "the, beautiful" are repeated. Using vim commands remove all the **repeated** words in the document. Read the input file "**words.txt**" and remove the repeated words.

6. You're a given a list of email headers in an "emailheader.txt" file. Open the file in vim. Using vim commands / vim scripts extract Date, Subject, From, To fields from the email headers. Save the output in different file "**output.txt**" without exiting vim.

E.g.

Input

emailheader.txt

Output (no strikes required)
****
Date: Thu, 21 Jun 2012 17:00:24 +0530
From: noticeboard@iitg.ernet.in (Notice Board, IITG)
To: fac@iitg.ernet.in, staff@iitg.ernet.in, stud@iitg.ernet.in,rs@iitg.ernet.in
Subject: New notice "Notice: Extension of term - Head, Biotech." posted from General
Administration

Date: Fri, 27 Apr 2012 14:02:04 +0530
Subject: Fwd: [Mycolleagues] Postdoctoral position in cloud security
From: "Placement cell, IIT Guwahati" <placement@iitg.ernet.in>
To: rs@iitg.ernet.in

Date: Sun, 29 Jul 2012 18:28:47 +0530
Subject: 87.5% Discount on The Economist magazine
From: "Publication Subcommittee, IIT Guwahati" <psc@iitg.ernet.in>
To: stud@iitg.ernet.in

Date: Wed, 13 Jun 2012 00:42:34 +0530
Subject: Regarding Student Participation for upcoming BloombergUTV TV Series
From: "Students' Welfare Board" <gensec_welfare@iitg.ernet.in>
To: stud@iitg.ernet.in
****

7. You have a C code, with many functions inside it. You need to comment specific functions completely using

- Visual Method
- Mapping method
- Putting the mapping method in vimrc file and assign shortcut keys. Use shortcuts to comment and uncomment.

Also u should be able to comment & uncomment a range of lines. Say comment from line number 30, 50. Comments should be // {The normal C comment} . Use **code1.c** file

8. Delete comments from a program i.e. Remove the new line text starting from // (including "//") and text between /* and */ (both "/*" and "*/" inclusive). Input file **comment.c** Output should have no comments at all.

9. Develop a macro that would find the next search occurrence (of a word "god", say), change the word (to "almighty") and insert a line feed (new line) after the word. Macro should be invoked by a letter that is not used & map a shortcut key for it. Refer god.txt