

**SGSITS**  
**Computer Engineering Department**  
**Programming Practices**  
**Assignment - 01**

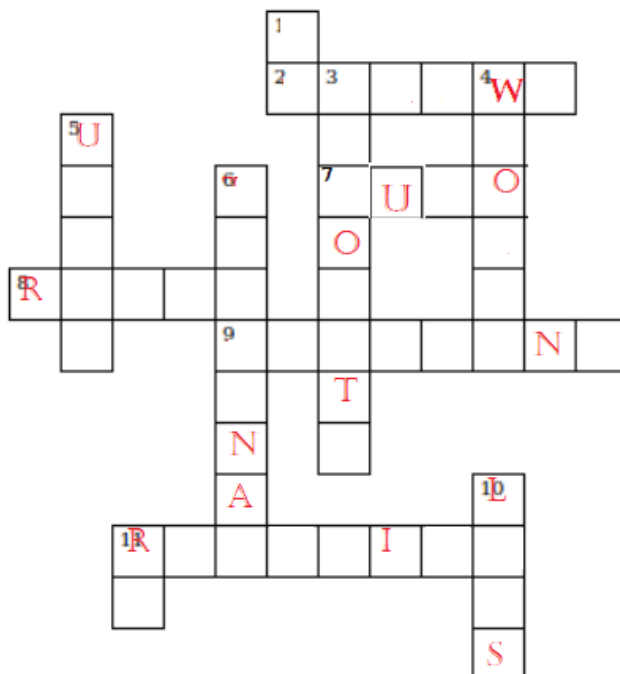
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Note :

1. All students first create a user as sgsits\_user\_rollnumber.
2. Do assignment questions, and take screenshot.
3. Mainly there are two possibilities to submit assignments.
  - 3.1 . Either via screenshot suitable for Theory questions and task performed.
  - 3.2 Or via file submission . For this you have to rename file/program/scripts as follows  
Eg. assign\_01\_que\_01\_rollnumber.extension (c/sh)

1. Update your system.
2. Upgrage your system.
3. Install IPython.
4. Remove IPython.
5. How will you check -
  1. Your system architecture.
  2. Check os version in Linux.
6. Complete the following crossword puzzle of Bash commands.



**ACROSS**

- 2 : File which stores user account names and their settings
- 7 : UNIX system administrator
- 8 : Command that lets you delete empty directories
- 9 : Process of adding a storage device to a file system
- 11 : Path name which starts with the current directory

**DOWN**

- 1 : Command that lets you copy files
- 3 : Path name that starts with the root directory
- 4 : Displays your user name
- 5 : Command which displays system characteristics
- 6 : Name of a program which runs a shell
- 10 : Command that lets you see a file one screen at a time
- 11 : Allows you to delete files

**Outcomes :**

1. You are able to work with any Linux /Debian system.
2. Familiarity with Linux desktop environment and various commands.
3. Able to install and remove software.