

# Assignment 1.1

- Write shell script to convert a CSV file to VCF format

# What is CSV format?

- Comma-separated values (CSV)
- Is a simple format used to store tabular data such as spreadsheet or database
- Can be imported to & exported from programs that store data in tables such as Microsoft excel or open office calc.
- Its data fields are most often separated or delimited by a comma

# CSV contd...

- Consider the following spreadsheet containing following data:-

Name	class	phone	CGPA
Xyz	IV	123.....	6.7
Abc	III	7867.....	7.6
Def	II	2156.....	6.4

# CSV cntd...

- The previous data could be represented in CSV-format as follows:-

Xyz, VI, 123....., 6.7

Abc, III, 7867....., 7.6

Def , II, 2156....., 6.4

# What is VCF format?

- Vcard or variant call format
- Is widely used file format for email contacts
- When you export contacts from an email or address book they will often be stored as .vcf files
- It typically includes a name, address, phone number, email address or other contact information.

# VCF cntd...

- Vcf also supports custom fields, images & other types of media
- Vcf files can be created from other file formats eg:- .XLS, .XLSX and can be saved as .csv files in Microsoft excel.
- May look like:-
  - Begin: VCARD
  - Version: 3.0
  - Name: XYZ
  - Tele: 123....
  - END: VCARD

# Assignment 1.2

- Write shell script to convert a youtube transcript to SRT format

# What is Transcript file?

- They contain the text of what is said in the video and do not need to enter any time codes
- Transcripts works best with videos that are less than an hour long with good sound quality and clear speech.
- How to create a good transcript file?
  1. Use a blank line to force the start of a new caption
  2. Use square brackets to designate background sounds eg:- [music] or [laughter]
  3. Add “>>” to identify speakers or change of speakers.



# What is SRT format?

- SRT SubRip file
- An SRT file is a subtitle file saved in SubRip file format
- It is supported by several video formats such as DivX & DVD and used by various video playback programs
- SRT files contain subtitle info which includes the sequential number of subtitles, start & end time codes, subtitle text.

# SRT cntd...

- The time code format in SRT files is hours, minutes, seconds & milliseconds like HH:MM:SS,MIL
- SRT files are text files used in video playback therefore do not contain video data
- Common srt filenames:-  
movienamename.eng.srt (srt file with english subtitles)  
Movienamename.hin.srt (srt file with hindi subtitles)

# Assignment 1.3

- Find the top 10 size files created in last 20 days
- Hint:-
- Check **ls**, **sort**, **head** command
- Use **man** to find different options that can be used with the above commands

# Assignment 1.4

- Move all duplicate files (except one) from a folder to a target location, etc
- Hint:-
- Check **diff**, **cmp** command
- 1. find files with equal size
- 2. compare files with equal size
- 3. if found equal then move to temporary directory