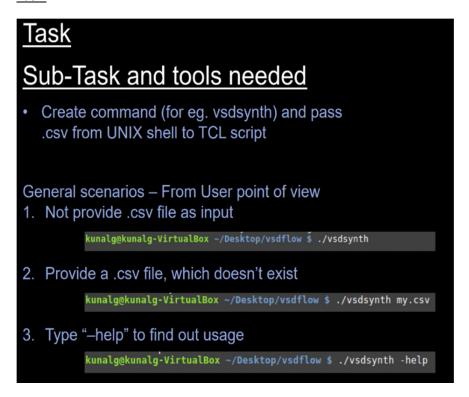
VSD TCL WORKSHOP

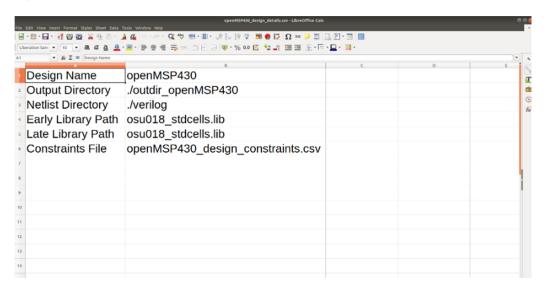
DAY 1

Day 1's task is to create a command (in my case, synui) and pass a .csv file from the UNIX shell to the TCL script, taking into consideration mainly the general scenarios from the user's point of view.

Task:



Inputs File:



Implementation:

1. Creating the ./synui command by writing a bash script to cover the general scenarios of input file present or not.

Script:

```
# Code to check if the .csv file is present in directory or not, and also to display information for -help argument.

If [ ! -f Si ] || [ $1 == "-help" ]

then

| echo "Error: The file $1 is not found in current directory."
| exit 1 |
| else
| echo "USAGE: ./synui <csv_file>"
| echo "echo" where <csv file> consists of 2 columns, below keyword being in 1st column and is Case Sensitive. Please reques to Niharika for sample csv file."
| echo | echo " -clesign Name> is the name of top level module."
| echo | echo " column and is Case Sensitive. Please reques to Niharika for sample csv file."
| echo | echo " -clesign Name> is the name of output directory where you want to dump synthesis script, synthesized netlis to and timing reports."
| echo | echo " echo " -ketlist Directory> is the name of directory where all RTL netlist are present."
| echo | echo " echo " -clarly Library Path> is the file path of the early cell library to be used for STA."
| echo " echo " -clarle Library Path> is file path of constraints to be used for STA."
| echo " echo " -clostraints file> is csv file path of constraints to be used for STA."
| echo " echo " constraints file> is csv file path of constraints to be used for STA."
| echo " echo " constraints file> is csv file exists.
| echo "Info: CSV file accepted" tclsh synui.tcl $1
```

Results

Case 1: No input file

Case 2: File not of .csv format



Case 3: More than 1 file given as input

Case 4: The .csv file provided is not present in current directory.



Case 5: Result of using the option '-help'