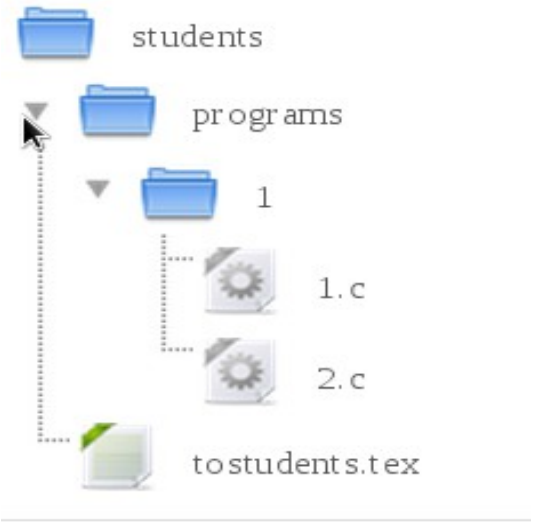
1 Instructions

Mount your directory using cd /mnt/your_username.
Place the following folder in /mnt/username.

You are given a folder named *students*. In that folder you have another folder named *programs* and a file named *tostudents.tex*. Inside the *programs* folder you have another folder named *1*. This folder contains two programs *1.c, 2.c.*(If you cant download the students folder as a whole, download each of the files, create the folders students,programs and 1 as mentioned above, and copy the three files *tostudents.tex, 1.c,2.c* to corresponding folders). So order hierarchy of folders is



When you open tostudents.tex you will find quite alot of stuff. Firsly search the file using Ctrl+F to find where Merin Cherian is written. Replace Merin Cherian with Your Name.

Once name is changed, scroll down to the document.

You will see the folowing.

```
\begin{document}
\section*{Printing  Hello World }
\lstinputlisting{./programs/1/1.c}
\subsection*{Output}
\begin{lstlisting}
Hello World
```

```
\section*{Printing  Hello World }
```

This is used to print the title of the program. My programs name is "Printing Hello World". So I have written the title inside the curly braces of section*.

```
\lstinputlisting{./programs/1/1.c}
```

This line is used to give the path where your program is saved. ./ is to indicate the current folder. My current folder is *tostudents*. My program for printing hello world is

saved in the current folder in programs–>1–>1–>1.c.folder. So we give the path *./programs/1/1.c* in curly braces.

If your programs are saved in some other path you can give that path also.

For example if your program is saved in */mnt/your_username/programs* folder in the name *sum.c*, you can give the path as */mnt/your_username/programs/sum.c*.

Thus you can also write

```
\lstinputlisting{/mnt/your\_username/programs/sum.c}
```

Compile your program on the terminal using *gcc -g -o sum sum.c*.

Run your program using ./sum.

Once you get the output copy the output by selecting the output using mouse, right click and press copy or press CTRL+SHIFT+C.(Donot press CTRL+ C for copying).

Go to the file *tostudents.tex*, you will find something like this.

```
\subsection*{Output}
\begin{lstlisting}
Hello World
```

Between beginlstlisting and endlstlisting, paste your output using Ctrl+V.

Now save *tostudents.tex*, go to the terminal. Go to the students folder using cd
For example */mnt/your_username/students*.

Now type the following command on terminal

pdflatex tostudents.tex

You will see many things on screen , that is the file getting compiled to form a pdf.
Once that is over go to the students folder, you will find a file named *tostudents.pdf*.
Open it and you will find your program and output in the pdf file.

So from now on whenever you do a program create a pdf for that program. for that just copy paste the contents from section* to newpage in *tostudents.tex*.

```
\section*{Printing    Hello  World  }
:
:
\newpage
```

Once you copy paste this portion, change the title of the heading appropriately, give the correct path for the program, and copy paste the output. Finally save the file and compile it.

So in the end you should have a pdf containg all the programs and output you have done in the lab.