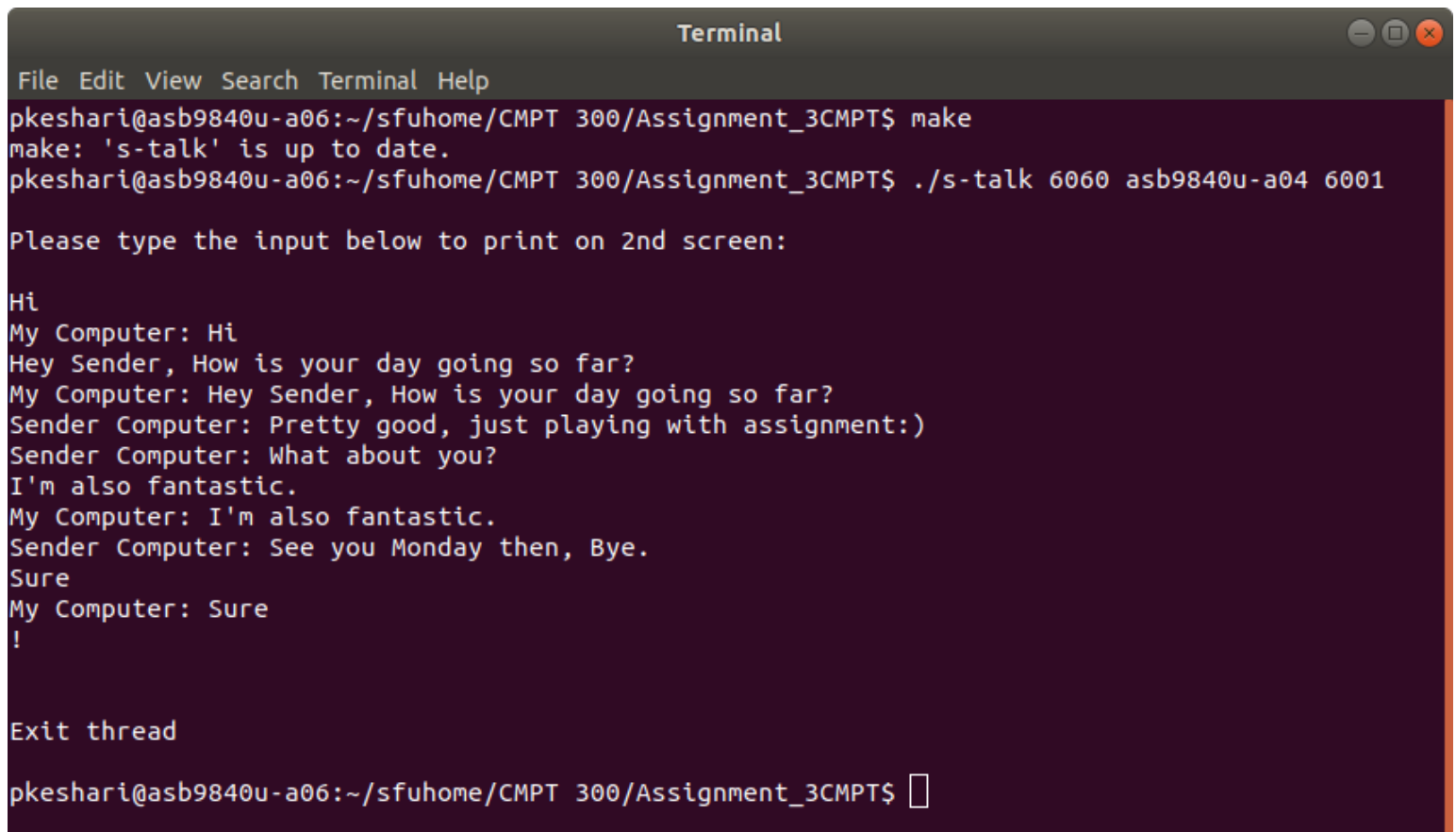


CMPT 300: Assignment 2 (IPC and Concurrency)

Instructions to run the Program:

1. Open the terminal and change directory to Assignment folder
2. Make
3. On My Computer, To initiate s-talk, User 1 must type:
 - s-talk [my port number] [remote machine name] [remote port number]
 - For example: s-talk 6060 csil-cpu3 6001
4. On Sender Computer, To initiate s-talk, User 2 must type:
 - s-talk [my port number] [remote machine name] [remote port number]
 - For example: s-talk 6001 csil-cpu1 6060
5. To terminate the program, type “!” or Ctrl + C
6. Program is working each and every case including exceptions, thanks.

My Computer Screen:

A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the execution of the s-talk program. The user runs 'make' and then './s-talk 6060 asb9840u-a04 6001'. The program prompts for input to print on the 2nd screen. The conversation between the My Computer and the Sender Computer is displayed, ending with an exclamation mark and 'Exit thread'.

```
Terminal
File Edit View Search Terminal Help
pkeshari@asb9840u-a06:~/sfuhome/CMPT 300/Assignment_3CMPT$ make
make: 's-talk' is up to date.
pkeshari@asb9840u-a06:~/sfuhome/CMPT 300/Assignment_3CMPT$ ./s-talk 6060 asb9840u-a04 6001

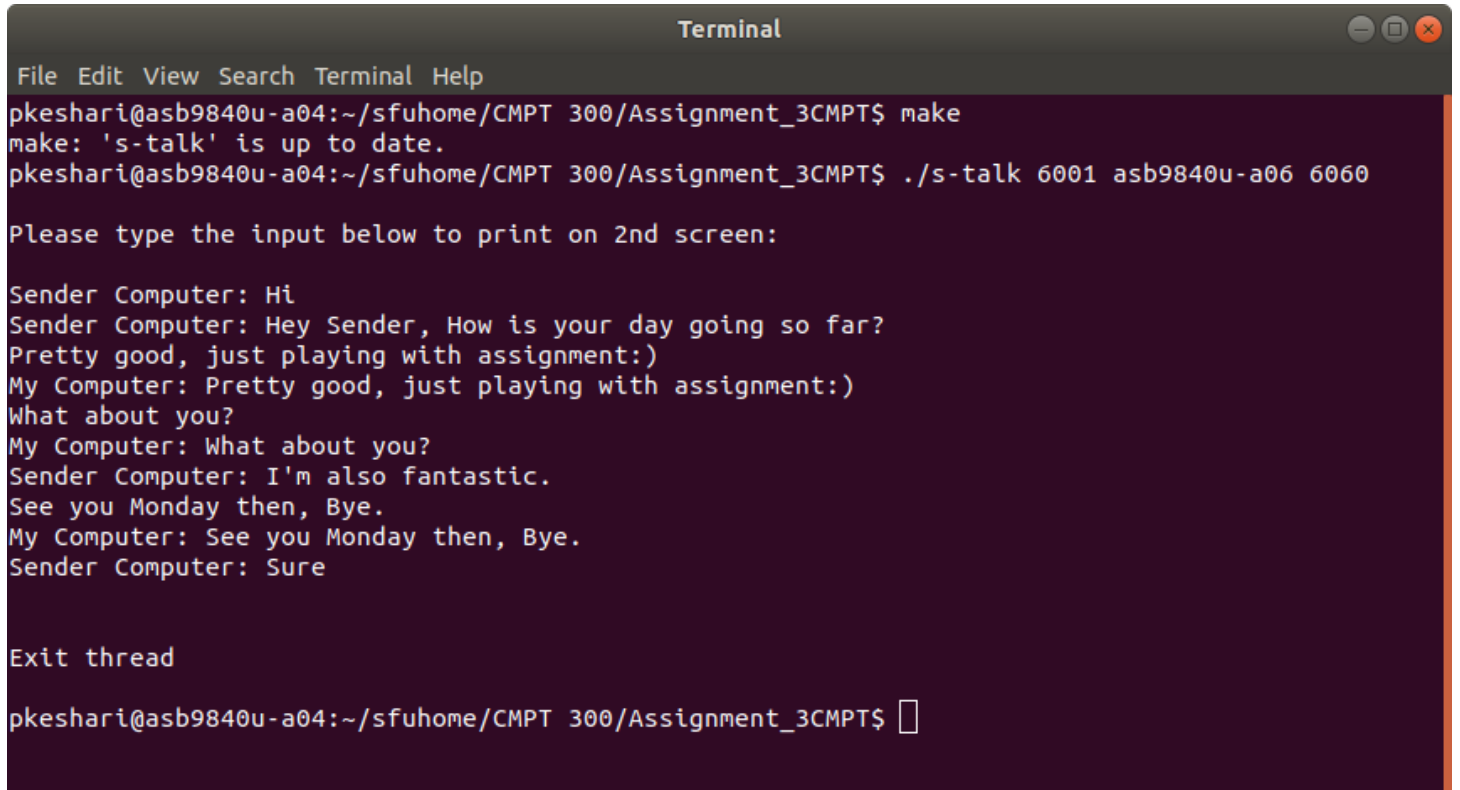
Please type the input below to print on 2nd screen:

Hi
My Computer: Hi
Hey Sender, How is your day going so far?
My Computer: Hey Sender, How is your day going so far?
Sender Computer: Pretty good, just playing with assignment:)
Sender Computer: What about you?
I'm also fantastic.
My Computer: I'm also fantastic.
Sender Computer: See you Monday then, Bye.
Sure
My Computer: Sure
!

Exit thread

pkeshari@asb9840u-a06:~/sfuhome/CMPT 300/Assignment_3CMPT$
```

Sender Computer Screen:

A screenshot of a terminal window titled "Terminal". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal shows a user named "pkeshari" at a prompt "pkeshari@asb9840u-a04:~/sfuhome/CMPT 300/Assignment_3CMPT\$". The user enters "make", and the output is "make: 's-talk' is up to date." The user then enters "./s-talk 6001 asb9840u-a06 6060". The program outputs a series of messages between a "Sender Computer" and a "My Computer". The messages are: "Please type the input below to print on 2nd screen:", "Sender Computer: Hi", "Sender Computer: Hey Sender, How is your day going so far?", "Pretty good, just playing with assignment:)", "My Computer: Pretty good, just playing with assignment:)", "What about you?", "My Computer: What about you?", "Sender Computer: I'm also fantastic.", "See you Monday then, Bye.", "My Computer: See you Monday then, Bye.", "Sender Computer: Sure", and "Exit thread". The terminal ends with the prompt "pkeshari@asb9840u-a04:~/sfuhome/CMPT 300/Assignment_3CMPT\$" and a cursor.

```
Terminal
File Edit View Search Terminal Help
pkeshari@asb9840u-a04:~/sfuhome/CMPT 300/Assignment_3CMPT$ make
make: 's-talk' is up to date.
pkeshari@asb9840u-a04:~/sfuhome/CMPT 300/Assignment_3CMPT$ ./s-talk 6001 asb9840u-a06 6060

Please type the input below to print on 2nd screen:

Sender Computer: Hi
Sender Computer: Hey Sender, How is your day going so far?
Pretty good, just playing with assignment:)
My Computer: Pretty good, just playing with assignment:)
What about you?
My Computer: What about you?
Sender Computer: I'm also fantastic.
See you Monday then, Bye.
My Computer: See you Monday then, Bye.
Sender Computer: Sure

Exit thread

pkeshari@asb9840u-a04:~/sfuhome/CMPT 300/Assignment_3CMPT$
```

Thank you for using my program!!