Team Members:

1. Paridhi Saxena

2. Mohamed Ibrahim Sathik Ali

List of files attached:

1. Readme - how to run the code.

2. Design Document - Explanation of code and step by step execution.

3. Source File - Sender.py and Receiver.py.

4. Transfer File - image file – high snow.jpg

5. Graph – excel file contains 3 sheets. Each sheet contains 1 graph.

Steps to Execute:

1. open the terminal.

2. change the path to the desired directory using ‘cd’ command.

3. run the client code using the command - ‘python’ followed by the filename - receiver.py

4. open another terminal. It will by default in the same directory so there will be no need to change the path this time.

5. Again use the command ‘python’ followed by the filename i.e. sender.py.

6. In the sender side it will ask you to enter 1/2/3/4/5. Enter the option.

7. If you enter either 2 or 3 or 4 or 5, it will ask you to enter the error percentage.

8. It will ask you enter the window size – 1,2,5,10,20,50.

9. Once the whole file gets transferred, it will show the total execution time which accounts only the time required to send the packets. This time is in seconds.