Steps to execute the programs,

1. *Create below 2 directories,*  
   *Client directory - C:\CSE5306\Client Files*  
   *Server directory - C:\CSE5306\Server Files*
2. *Go to source code directory,*  
   *Complie all the files using javac command,*   
   *javac <filename>.java*  
   *Ex: javac Server.java*
3. *Run server file always using,*  
   *java Server.java*

*Part 1:*

1. *To upload file, first create a file in client Files directory*  
    *java .\Client.java upload <filename>.<ext>*
2. *To download file from server, first check all the files available for download and followed by check for the downloaded file in Server Files directory*  
    *java .\Client.java download <filename>.<ext>*  
    *Optionally to see, what files are available on server for download, you can run*   
    *java java .\Client.java listfiles*
3. *To rename file on server,*  
    *java .\Client.java rename <old\_filename>.<ext> <new\_filename>.<ext>*
4. *To delete file on server,*  
    *java .\Client.java delete <filename>.<ext>*

*Part 2:*

1. *Run both Server.java and Helper.java in background*  
   *java Server.java*  
   *java Helper.java*
2. *Now create, delete, modify files on Client directory and notice for changes in server directory.*

*Part 3:*

1. *Run Synchronous.java and check for execution details on both Client and Server side.*
2. *Run ASynchronous.java and check for execution details on both Client and Server side.*