DS Assignment 1

Sankarshan Damle
201502059

- **Running Server:**
  - Goto "ChatRoomServer" directory from the root folder
  - Compile ChatRoomServer.java :

    ```
    $ javac ChatRoomServer.java
    ```

  - Start Server :

    ```
    $ java ChatRoomServer <limit> <ip> <port>
    ```

- **Running Clients:**
  - Goto "Clients" directory from the root folder
  - Compile Clients.java :

    ```
    $ javac Clients.java
    ```

  - Start Client :

    ```
    $ java Clients <username> <ip> <port> <DatagramPort>
    ```

- **Commands:**
  - Enter your command at the prompt shown :

    ```
    >> Your Command
    ```

  - The commands available to a Client :

    ```
    >> create chatroom 'room_name'
    >> join 'room_name'
    >> leave
    >> add 'user_name'
    >> list chatrooms
    >> list users
    >> reply "message"
    >> reply 'file_name' tcp/udp
    ```