**PROGRAM 9 (CLIENT)**

//RUN SECOND

import java.io.BufferedReader;

import java.io.DataInputStream;

import java.io.DataOutputStream;

import java.io.EOFException;

import java.io.File;

import java.io.FileOutputStream;

import java.io.InputStreamReader;

import java.net.Socket;

import java.util.Scanner;

import java.io.\*;

import java.net.\*;

public class P9a\_TCPCLIENT {

public static void main(String[] args)throws Exception {

String address = "";

Scanner sc=new Scanner(System.in);

System.out.println("Enter Server Address: ");

address=sc.nextLine();

Socket s=new Socket(address,5000);

DataInputStream din=new DataInputStream(s.getInputStream());

DataOutputStream dout=new DataOutputStream(s.getOutputStream());

BufferedReader br=new BufferedReader(new InputStreamReader(System.in));

System.out.println("Send Get to start...");

String str="",filename="";

try

{

while(!str.equals("start"))

str=br.readLine();

dout.writeUTF(str);

dout.flush();

filename=din.readUTF();

System.out.println("Receving file: "+filename);

filename="client"+filename;

System.out.println("Saving as file: "+filename);

long sz=Long.parseLong(din.readUTF());

System.out.println ("File Size: "+(sz/(1024\*1024))+" MB");

byte b[]=new byte [1024];

System.out.println("Receving file..");

System.out.println("Completed");

dout.close();

s.close();

}

catch(EOFException ex)

{

//do nothing

}

}

}