SERRVER

import java.net.\*;  
import java.io.\*;  
import java.util.\*;  
class DateServer  
{  
    public static void main(String args[]) throws Exception  
    {  
        ServerSocket s=new ServerSocket(43454);  
        while(true)  
        {  
            System.out.println("Waiting For Connection ...");  
            Socket soc=s.accept();  
            DataOutputStream out=new DataOutputStream(soc.getOutputStream());  
            out.writeBytes("Server Date: " + (new Date()).toString() + "\n");  
            out.close();  
            soc.close();  
        }  
    }  
}

CLIENT

#include <sys/socket.h>

#include <sys/types.h>

#include <netinet/in.h>

#include <netdb.h>

#include <stdio.h>

#include <string.h>

#include <stdlib.h>

#include <unistd.h>

#include <errno.h>

#include <arpa/inet.h>

int main()

{

    int CreateSocket = 0,n = 0;

    char dataReceived[1024];

    struct sockaddr\_in ipOfServer;

    memset(dataReceived, '0' ,sizeof(dataReceived));

    if((CreateSocket = socket(AF\_INET, SOCK\_STREAM, 0))< 0)

    {

        printf("Socket not created \n");

        return 1;

    }

    ipOfServer.sin\_family = AF\_INET;

    ipOfServer.sin\_port = htons(43454);

    ipOfServer.sin\_addr.s\_addr = inet\_addr("192.168.253.129");

    if(connect(CreateSocket, (struct sockaddr \*)&ipOfServer, sizeof(ipOfServer))<0)

    {

        printf("Connection failed due to port and ip problems\n");

        return 1;

    }

    while((n = read(CreateSocket, dataReceived, sizeof(dataReceived)-1)) > 0)

    {

        dataReceived[n] = 0;

        if(fputs(dataReceived, stdout) == EOF)

        {

            printf("\nStandard output error");

        }

        printf("\n");

    }

    if( n < 0)

    {

        printf("Standard input error \n");

    }

    return 0;

}