import java.io.\*;

import java.net.\*;

public class SRServer

{

static int burst=5;

public static void main(String args[])

{

try

{

int x=0,i;

String error=" ";

while(true && x<20)

{

String data=error;

error=" ";

int len=data.length();

for(i=0;i<burst;i++,x++)

data+=(char)('A'+x);

System.out.println("the new set to be sent is:"+data);

ServerSocket ss=new ServerSocket(5555);

Socket s=ss.accept();

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

out.writeBytes(data);

System.out.println("sent");

s.close();

ss.close();

Thread.sleep(100);

ss=new ServerSocket(5555);

s=ss.accept();

BufferedReader br=new BufferedReader(new InputStreamReader(s.getInputStream()));

System.out.println("waiting....");

error=br.readLine();

System.out.println("the error is at:"+error);

s.close();

ss.close();

}

}catch(Exception e)

{}

}

}

/\* OUTPUT

E:\Java\jdk1.8.0\_05\bin>java SRServer

the new set to be sent is: ABCDE

sent

waiting....

the error is at:3

the new set to be sent is:3FGHIJ

sent

waiting....

the error is at:4

the new set to be sent is:4KLMNO

sent

waiting....

\*/