\[Tag@#\_e] package \[Tag@#\_k] Packet;

\[Tag@#\_a]

\[Tag@#\_e] import \[Tag@#\_k] java.io.ByteArrayInputStream;

\[Tag@#\_e] import \[Tag@#\_k] java.io.ByteArrayOutputStream;

\[Tag@#\_e] import \[Tag@#\_k] java.io.IOException;

\[Tag@#\_e] import \[Tag@#\_k] java.io.ObjectInputStream;

\[Tag@#\_e] import \[Tag@#\_k] java.io.ObjectOutputStream;

\[Tag@#\_e] import \[Tag@#\_k] java.io.Serializable;

\[Tag@#\_e] import \[Tag@#\_k] java.nio.ByteBuffer;

\[Tag@#\_a]

\[Tag@#\_e] public class \[Tag@#\_k] SMSPacket \[Tag@#\_e] implements \[Tag@#\_k] Packet, Serializable\[Tag@#\_i] {

\[Tag@#\_a]

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] private static ﬁnal \[Tag@#\_j] long \[Tag@#\_k] serialVersionUID = \[Tag@#\_h] 6169284240601506961L\[Tag@#\_k] ;

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_j] int \[Tag@#\_k] id;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_j] int \[Tag@#\_k] thread\_id;

\[Tag@#\_a] \[Tag@#\_d] //private int address\_size;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_k] String address;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_j] int \[Tag@#\_k] person;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_j] long \[Tag@#\_k] date;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_j] int \[Tag@#\_k] read;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_j] int \[Tag@#\_k] type;

\[Tag@#\_a] \[Tag@#\_d] //private int body\_size;

\[Tag@#\_a] \[Tag@#\_e] private \[Tag@#\_k] String body;

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_k] SMSPacket\[Tag@#\_i] () {

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_k] SMSPacket\[Tag@#\_i] (\[Tag@#\_j] int \[Tag@#\_k] id, \[Tag@#\_j] int \[Tag@#\_k] thid, String ad, \[Tag@#\_j] int \[Tag@#\_k] pers, \[Tag@#\_j] long \[Tag@#\_k] dat,

\[Tag@#\_j] int \[Tag@#\_k] read, String body, \[Tag@#\_j] int \[Tag@#\_k] type\[Tag@#\_i] ) {

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .id = id;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .thread\_id = thid;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .address = ad;

\[Tag@#\_a] \[Tag@#\_d] //this.address\_size = ad.length();

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .person = pers;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .date = dat;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .read = read;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .body = body;

\[Tag@#\_a] \[Tag@#\_d] //this.body\_size = this.body.length();

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .type = type;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_c] /\*

\[Tag@#\_a] \[Tag@#\_c] public byte[] build() {

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_c] ByteBuffer b = ByteBuffer.allocate(4\*6+8+address\_size+body\_size);

\[Tag@#\_a] \[Tag@#\_c] b.putInt(id);

\[Tag@#\_a] \[Tag@#\_c] b.putInt(thread\_id);

\[Tag@#\_a] \[Tag@#\_c] b.putInt(address\_size);

\[Tag@#\_a] \[Tag@#\_c] b.put(address.getBytes());

\[Tag@#\_a] \[Tag@#\_c] b.putInt(person);

\[Tag@#\_a] \[Tag@#\_c] b.putLong(date);

\[Tag@#\_a] \[Tag@#\_c] b.putInt(read);

\[Tag@#\_a] \[Tag@#\_c] b.putInt(type);

\[Tag@#\_a] \[Tag@#\_c] b.putInt(body\_size);

\[Tag@#\_a] \[Tag@#\_c] b.put(body.getBytes());

\[Tag@#\_a] \[Tag@#\_c] return b.array();

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_c] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_c] public void parse(byte[] packet) {

\[Tag@#\_a] \[Tag@#\_c] ByteBuffer b = ByteBuffer.wrap(packet);

\[Tag@#\_a] \[Tag@#\_c] this.id = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] this.thread\_id = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] this.address\_size = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] byte[] tmp = new byte[address\_size];

\[Tag@#\_a] \[Tag@#\_c] b.get(tmp);

\[Tag@#\_a] \[Tag@#\_c] this.address = new String(tmp);

\[Tag@#\_a] \[Tag@#\_c] this.person = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] this.date = b.getLong();

\[Tag@#\_a] \[Tag@#\_c] this.read = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] this.type = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] this.body\_size = b.getInt();

\[Tag@#\_a] \[Tag@#\_c] tmp = new byte[body\_size];

\[Tag@#\_a] \[Tag@#\_c] b.get(tmp);

\[Tag@#\_a] \[Tag@#\_c] this.body = new String(tmp);

\[Tag@#\_a] \[Tag@#\_c] }

\[Tag@#\_a] \[Tag@#\_c] \*/

\[Tag@#\_a]

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] byte\[Tag@#\_i] [] \[Tag@#\_k] build\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] try \[Tag@#\_i] {

\[Tag@#\_a] \[Tag@#\_k] ByteArrayOutputStream bos = \[Tag@#\_e] new \[Tag@#\_k] ByteArrayOutputStream\[Tag@#\_i] ()\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_k] ObjectOutputStream out = \[Tag@#\_e] new \[Tag@#\_k] ObjectOutputStream\[Tag@#\_i] (\[Tag@#\_k] bos\[Tag@#\_i] )\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_k] out.writeObject\[Tag@#\_i] (\[Tag@#\_e] this\[Tag@#\_i] )\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] bos.toByteArray\[Tag@#\_i] ()\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_i] } \[Tag@#\_e] catch \[Tag@#\_i] (\[Tag@#\_k] IOException e\[Tag@#\_i] ) {

\[Tag@#\_a] \[Tag@#\_e] return null\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] void \[Tag@#\_k] parse\[Tag@#\_i] (\[Tag@#\_j] byte\[Tag@#\_i] [] \[Tag@#\_k] packet\[Tag@#\_i] ) {

\[Tag@#\_a] \[Tag@#\_k] ByteArrayInputStream bis = \[Tag@#\_e] new \[Tag@#\_k] ByteArrayInputStream\[Tag@#\_i] (\[Tag@#\_k] packet\[Tag@#\_i] )\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_k] ObjectInputStream in;

\[Tag@#\_a] \[Tag@#\_e] try \[Tag@#\_i] {

\[Tag@#\_a] \[Tag@#\_k] in = \[Tag@#\_e] new \[Tag@#\_k] ObjectInputStream\[Tag@#\_i] (\[Tag@#\_k] bis\[Tag@#\_i] )\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_k] SMSPacket p = \[Tag@#\_i] (\[Tag@#\_k] SMSPacket\[Tag@#\_i] ) \[Tag@#\_k] in.readObject\[Tag@#\_i] ()\[Tag@#\_k] ;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .id = p.id;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .thread\_id = p.thread\_id;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .address = p.address;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .body = p.body;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .date = p.date;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .person = p.person;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .read = p.read;

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .type = p.type;

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_i] } \[Tag@#\_e] catch \[Tag@#\_i] (\[Tag@#\_k] Exception e\[Tag@#\_i] ) {

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] int \[Tag@#\_k] getType\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] type;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] void \[Tag@#\_k] setType\[Tag@#\_i] (\[Tag@#\_j] int \[Tag@#\_k] t\[Tag@#\_i] ) {

\[Tag@#\_a] \[Tag@#\_e] this\[Tag@#\_k] .type =t;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] int \[Tag@#\_k] getId\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] id;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] int \[Tag@#\_k] getThread\_id\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] thread\_id;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_k] String getAddress\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] address;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] int \[Tag@#\_k] getPerson\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] person;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] long \[Tag@#\_k] getDate\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] date;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_j] int \[Tag@#\_k] getRead\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] read;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_a]

\[Tag@#\_a] \[Tag@#\_e] public \[Tag@#\_k] String getBody\[Tag@#\_i] () {

\[Tag@#\_a] \[Tag@#\_e] return \[Tag@#\_k] body;

\[Tag@#\_a] \[Tag@#\_i] }

\[Tag@#\_i] }