import java.io.\*; import java.net.\*; import java.util.\*; class Server

{

public static void main(String args[])

{

try

{

ServerSocket obj=new ServerSocket(3636); Socket obj1=obj.accept();

while(true)

{

DataInputStream din=new DataInputStream(obj1.getInputStream());

DataOutputStream dout=new DataOutputStream(obj1.getOutputStream()); String str=din.readLine();

String ip[]={"165.165.80.80","165.165.79.1"};

String mac[]={"6A:08:AA:C2","8A:BC:E3:FA"};

for(int i=0;i<ip.length;i++)

{

if(str.equals(ip[i]))

{

dout.writeBytes(mac[i]+'\n'); break;

}

}

obj.close();

}

}

catch(Exception e)

{

System.out.println(e);

}

}

}

CLIENT:

import java.io.\*; import java.net.\*; import java.util.\*; class Client

{

public static void main(String args[])

{

try

{

BufferedReader in=new BufferedReader(new

InputStreamReader(System.in));

Socket clsct=new Socket("127.0.0.1",3636); DataInputStream din=new

DataInputStream(clsct.getInputStream()); DataOutputStream dout=new DataOutputStream(clsct.getOutputStream());

System.out.println("Enter the Logical address(IP):"); String str1=in.readLine(); dout.writeBytes(str1+'\n');

String str=din.readLine();

System.out.println("The Physical Address is: "+str); clsct.close();

}

catch (Exception e)

{

System.out.println(e);

}

}

}