**PRACTICAL NO 7**

**CODE:**

```java
package uddisoapclient1;
import com.sun.istack.internal.logging.Logger;
import java.io.*;
import java.util.*;
import java.util.logging.Level;
/**
 *
 * @author bot
 */
public class UDDISoapClient1 {
    private static final String DEFAULT_HOST_URL="http://localhost:8080/wasp/uddi/inquiry/";
    private static final String DEFAULT_DATA_FILENAME="./Default.xml";
    private static final String URI="";
    private String m_hostURL;
    private String m_dataFileName;
    public UDDISoapClient1(String hostURL,String dataFileName)throws Exception{
        m_hostURL=hostURL;
        m_dataFileName=dataFileName;
        System.out.println();
        System.out.println("_____");
        System.out.println("Starting UDDISoapClient");
        System.out.println("host url="+m_hostURL);
        System.out.println("data File"+m_dataFileName);
        System.out.println("_____");
        System.out.println();
     }
   public void sendSOAPMessage(){
     try{
        FileReader fr=new FileReader(m_dataFileName);
        javax.xml.parsers.DocumentBuilder
xdb=org.apache.soap.util.xml.XMLParserUtils.getXMLDocBuilder();
        org.w3c.dom.Document doc=xdb.parse(new org.xml.sax.InputSource(fr));
        if(doc==null){
           throw new
org.apache.soap.SOAPException(org.apache.soap.Constants.FAULT_CODE_CLIENT,"parsing error");
        }
        Vector bodyElements=new Vector();
        bodyElements.add(doc.getDocumentElement());
        org.apache.soap.Envelope envelope=new org.apache.soap.Envelope();
        envelope.declareNamespace("idoox","http://idoox.com/uddiface");
        envelope.declareNamespace("ua","http://idoox.com/uddiface/account");
        envelope.declareNamespace("config","http://idoox.com/uddiface/congfig");
        envelope.declareNamespace("attr","http://idoox.com/uddiface/attr");
        envelope.declareNamespace("fxml","http://idoox.com/uddiface/formxml");
        envelope.declareNamespace("inner","http://idoox.com/uddiface/inner");
```
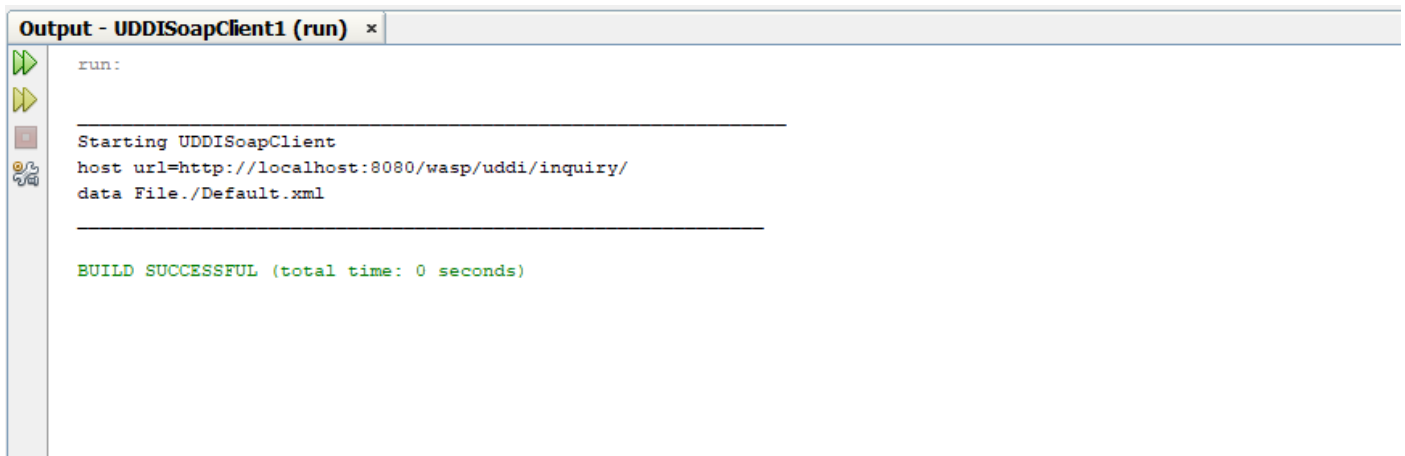
```java
        envelope.declareNamespace("","http://idoox.com/uddiface/inner");
        envelope.declareNamespace("uddi","urn-uddi-org:api_v2");
        org.apache.soap.Body body=new org.apache.soap.Body( );
        body.setBodyEntries(bodyElements);
        envelope.setBody(body);
        org.apache.soap.messaging.Message msg=new org.apache.soap.messaging.Message();
        msg.send(new java.net.URL(m_hostURL),URI,envelope);
        System.out.println("sent soap message with apache http soap client");
        System.out.println("waiting for response");
        org.apache.soap.transport.SOAPTransport st=msg.getSOAPTransport();
        BufferedReader br=st.receive();
        if(br.equals(null)){
           System.out.println("HTTP POST was unsuccessful.\n");
        }
        else{
           while(br.readLine()!=null){
              System.out.println(br.lines());
           }
        }
     }
     catch(Exception ex){
        System.out.println(ex);
      }
  }
public static void main(String[] args) {
   try {
        UDDISoapClient1 obj=new UDDISoapClient1(DEFAULT_HOST_URL,DEFAULT_DATA_FILENAME);
     } catch (Exception ex) {
        java.util.logging.Logger.getLogger(UDDISoapClient1.class.getName()).log(Level.SEVERE, null, ex);
     }
  }
}
```

**OUTPUT:**