import java.io.\*;

import java.io.File;

import java.io.IOException;

import java.lang.String;

import java.io.FileReader;

//import net.sourceforge.plantuml;

import net.sourceforge.plantuml.SourceStringReader;

public class umlparser

{

public static void main(String args[])throws Exception

{

String str,str1;

File input=new File(args[0]);

//File output=new File(args[1]);

//String infilename=args[0];

//String outfilename=args[1];

FileWriter writer;

//CharStream cs = new ANTLRFileStream(output);

InputStream in = null;

CompilationUnit cu = null;

try

{

in = new SEDInputStream(input);

cu = JavaParser.parse(in);

}

catch(ParseException x)

{

System.out.println("Parse error");

}

finally

{

in.close();

}

// str1="class A\"1\"--\"0..\*\"class B\\n class A--\"1\" class C\\n class A--\"\*\"class D";

for(int i=0;i<str1.length();i++)

{

str+=str1;

}

//File file = new File("output.txt");

try

{

output = new FileOutputStream(args[1]);

writer = new FileWriter(output, true);

PrintWriter printer = new PrintWriter(writer);

printer.append("@startuml\n");

//printer.append("")

printer.append("@enduml\n");

printer.close();

}

catch (IOException e)

{

System.out.println("File Write error");

}

//System.out.println(source);

//source = start+source+end;

//OutputStream png = null;

SourceStringReader reader = new SourceStringReader(source);

try {

String desc = reader.generateImage(png);

System.out.println(desc);

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

/\* SourceFileReader reader = new SourceFileReader(output);

List<GeneratedImage> list = reader.getGeneratedImages();

File png = list.get(0).getPngFile();\*/

/\*OutputStream png = new OutputStream() ;

String source = "@startuml\n";

source += "Bob -> Alice : hello\n";

source += "@enduml\n";

SourceStringReader reader = new SourceStringReader(source);

// Write the first image to "png"

String desc = reader.generateImage(png);

// Return a null string if no generation\*/

}

}