TIKA - EXTRACTING TEXT DOCUMENT

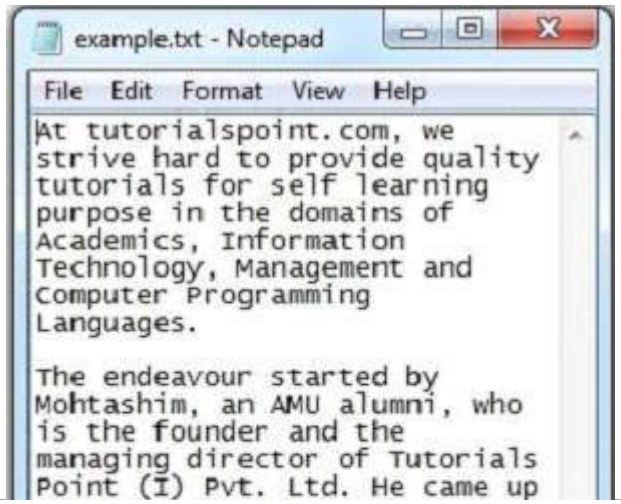
Given below is the program to extract content and metadata from a Text document:

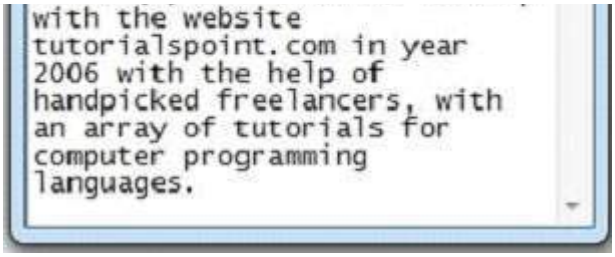
```
import java.io.File;
import java.io.FileInputStream;
import java.io.IOException;

import org.apache.tika.exception.TikaException;
import org.apache.tika.metadata.Metadata;
import org.apache.tika.parser.ParseContext;
import org.apache.tika.sax.BodyContentHandler;
import org.apache.tika.parser.txt.TXTParser;

import org.xml.sax.SAXException;

public class TextParser {

   public static void main(final String[] args) throws IOException,SAXException,
TikaException {

      //detecting the file type
      BodyContentHandler handler = new BodyContentHandler();
      Metadata metadata = new Metadata();
      FileInputStream inputstream = new FileInputStream(new File("example.txt"));
      ParseContext pcontext=new ParseContext();

      //Text document parser
      TXTParser  TexTParser = new TXTParser();
      TexTParser.parse(inputstream, handler, metadata,pcontext);
      System.out.println("Contents of the document:" + handler.toString());
      System.out.println("Metadata of the document:");
      String[] metadataNames = metadata.names();

      for(String name : metadataNames) {
         System.out.println(name + " : " + metadata.get(name));
      }
   }
}
```

Save the above code as **TextParser.java**, and compile it from the command prompt by using the following commands:

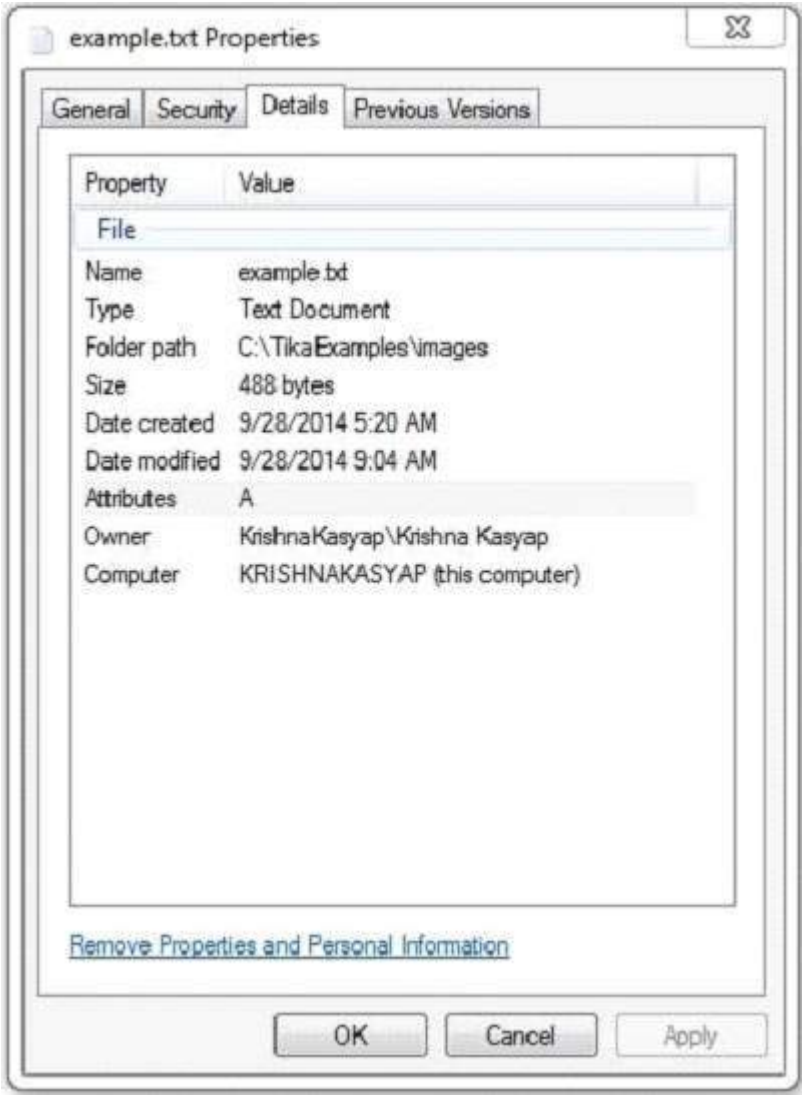
```
javac TextParser.java
java TextParser
```

Below given is the snap shot of example.txt document:





The text document has the following properties:



After executing the above program you will get the following output.

Output:

```
Contents of the document:

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computer programming languages.



Metadata of the document:
Content-Encoding:   windows-1252
```

```
Content-Type:   text/plain; charset=windows-1252
```