**Sergey Ganous (012278381)**

**4/5/16**

**Lab StreamI/O**

**CECS 277**

**import** java.io.InputStream;

**import** java.io.File;

**import** java.io.FileInputStream;

**import** java.io.FileNotFoundException;

**import** java.io.IOException;

**public** **class** FileReader {

**public** **static** **void** **main**(String[] args) **throws** FileNotFoundException{

File **java** = **new** File("Data.class");

File **text** = **new** File("Text.txt");

File **word** = **new** File("Word.docx");

**int** **counter** = 0;

**try**{

FileInputStream **inStream** = **new** FileInputStream(java);

**for**(**int** **i** = 0; i<3; i++){

**if**(0==i){

System.***out***.println("JAVA FILE");

}

**if**(1==i)

{

System.***out***.println("TEXT FILE");

inStream = **new** FileInputStream(text);

}

**else** **if**(2==i)

{

System.***out***.println("WORD FILE");

inStream = **new** FileInputStream(word);

}

**boolean** **done** = **false**;

**while**(!done)

{

**int** **next** = inStream.read();

**if**(next >= 32 && next <=126){

**char** **letter** = (**char**) next;

System.***out***.print(letter);

counter++;

}

**if**(counter >= 63)

{

System.***out***.println();

counter = 0;

}

**if**(next == -1)

{

done = **true**;

}

}

System.***out***.println();

System.***out***.println();

}

}

**catch**(IOException **exception**){

System.***out***.println("Could not find input file.");

}

}

}