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Assignment 3

import java.io.BufferedInputStream;

import java.io.BufferedOutputStream;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

public class BufferedIOStream {

public filetobuffer throws IOException {

BufferedInputStream bis = null;

BufferedOutputStream bos = null;

try {

bis = new BufferedInputStream(new FileInputStrea "files/source.txt"));

bos = new BufferedOutputStream(new FileOutputStream(

"files/destination.txt"));

int data;

while ((data = bis.read()) != -1) {

System.out.println(data);

bos.write(data);

}

} catch (FileNotFoundException e) {

e.printStackTrace();

} finally {

if (bis != null)

bis.close();

if (bos != null)

bos.close();

}

}

}

private String checksum(File f, InputStream content) throws Exception {

byte[] buffer = new byte[128];

MessageDigest md = MessageDigest.getInstance("SHA-1");

DigestInputStream dis = new DigestInputStream(content, md);

try {

while (dis.read(buffer) != -1);

} finally {

dis.close();

}

return DatatypeConverter.printHexBinary(md.digest());

}

}