package consoleIOPrograms;

import java.io.\*;

**class Email**

{

static String currentBuffer;

public void readFromFile(String fileName)

{

try{

File file = new File(fileName);

if(file.exists())

{

FileReader fileReader = new FileReader(file);

BufferedReader bufferedReader = new BufferedReader(fileReader);

StringBuilder data = new StringBuilder();

while(true)

{

currentBuffer = bufferedReader.readLine();

System.out.println(currentBuffer);

if(currentBuffer == null)

break;

Email.valid();

data.append(currentBuffer+"\n");

}

System.out.println(data.toString());

}

else{

System.out.println( "File not found");

}

}catch (Exception ex)

{

System.out.println(ex);

}

}

public static **void valid()**

{

try{

String valid = "^[\\w-\_\\.+]\*[\\w-\_\\.]\\@([\\w]+\\.)+[\\w]+[\\w]$";

if(currentBuffer.matches(valid ))

{

File file = new File("D:\\EmailAssignment\\Valid.txt");

file.createNewFile();

FileWriter fileWriter = new FileWriter(file,true);

fileWriter.write(currentBuffer);

fileWriter.close();

}

else

{

File file = new File("D:\\EmailAssignment\\InValid.txt");

file.createNewFile();

FileWriter fileWriter = new FileWriter(file,true);

fileWriter.write(currentBuffer);

fileWriter.close();

}

}catch (Exception ex)

{

System.out.println(ex);

}

}

}

