

PART 1
JAVA OOP TUTORIAL - I/O
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Hello, guys. Pag-aralan natin ang Java Input/Output - reading from file, writing to file, etc.

Ang accounting department natin merong binigay na TXT file. Gusto nila ng maraming requirements. Gusto nilang:

- basahin ng isang program ang txt file
- gusto nila hugutin natin ang mga data
- gusto nila i-store natin yung data for later use
- and expect from accounting department na marami pa silang pagagawa from this small piece of txt file

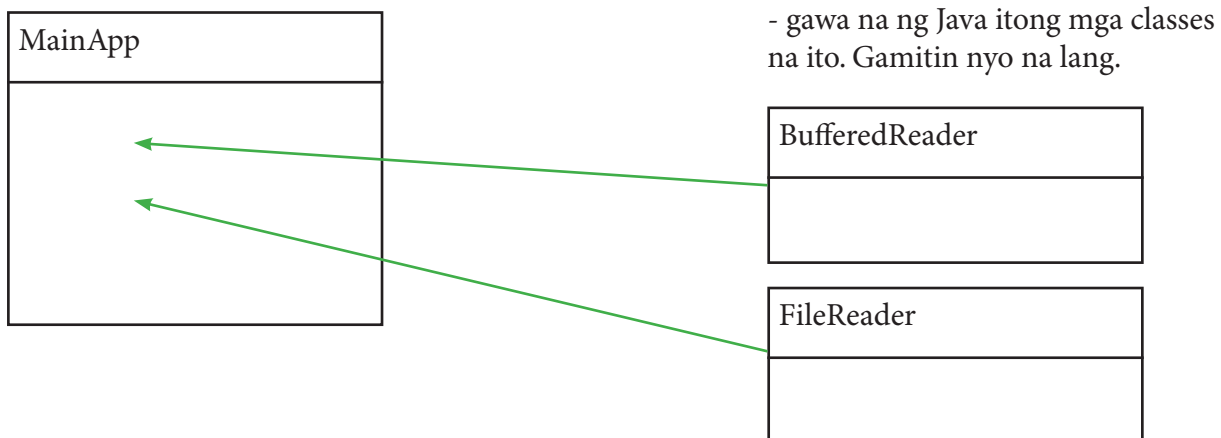
Heto yung txt file na binigay (putsa, ang dali-daling basahin, bakit pa nila kailangan ng java app... hehehe). Anyway, ok, will do it kesa naman natutulog tayo sa ating desk.

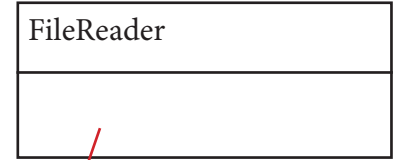
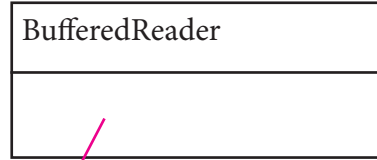
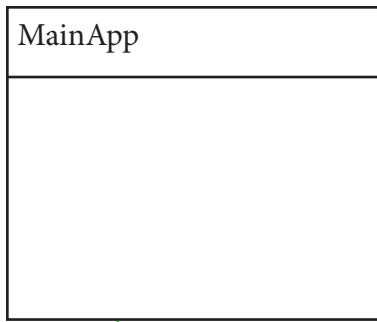
students.txt

```
1|Juan|Dimaculangan  
2|George|Santos  
3|Juanita|Reyes  
4|Dan|Borromeo  
5|Sylvia|Uy  
6|Margaret|Patino  
7|Roby|Duteirti
```

1) First task, let's create our MainApp class. Gusto lang natin basahin for now and make sure nababasa ang ating initial code.

- create this MainApp class and let's implement BufferedReader class and FileReader class from Java





heto yung code inside our MainApp

we INSTANTIATED an OBJECT named "read" from BufferedReader Class

we use FileReader straight without instantiation and pass in our txt file name.

```

1 import java.io.BufferedReader;
2 import java.io.FileReader;
3 import java.io.IOException;
4
5 public class MainApp {
6
7     public static void main(String[] args) throws IOException {
8         //1. just a string, name of the txt file
9         String sourceFile = "students.txt";
10
11         //2. let's use BufferedReader class from Java
12         BufferedReader read = new BufferedReader(new FileReader(sourceFile));
13
14         //3. Huhugutin natin line by line yung data sa txt at dito natin temporarily ilalagay
15         //so magde-declare tayo ng isang String variable
16         String aRecord;
17
18         //4. huhugutin na natin line per line from the txt file to out aRecord string
19         while((aRecord = read.readLine()) != null) {
20             //4.a let's print line per line muna
21             //para alam natin na gumagana
22             System.out.println(aRecord);
23         }
24
25         //5. pagkatapos isasarado na natin yung BufferedReader (just a good practice)
26         read.close();
27     }
28
29 }

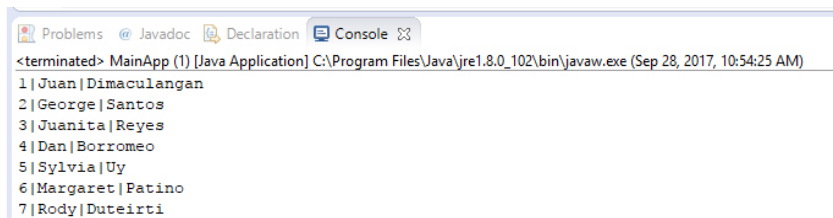
```

this is just a "while loop"

- "read" reads one line and then store niya sa "aRecord" variable natin.....and then we just want it printed sa console for now.

Gagawin niya itong loop hanggang ang mahugut niya a "null" or wala ng mahugut na text.

- heto yung result niya sa console.
Success!



OK, Hanggang dito muna ang part 1. Abangan ang mga susunod na kabanata (Please hit like or drop me a reply). Thank you.