

# PART 3

## JAVA OOP TUTORIAL - I/O

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So, here's the plan.

Gusto natin na magkaroon ng CONTROL over our text data.

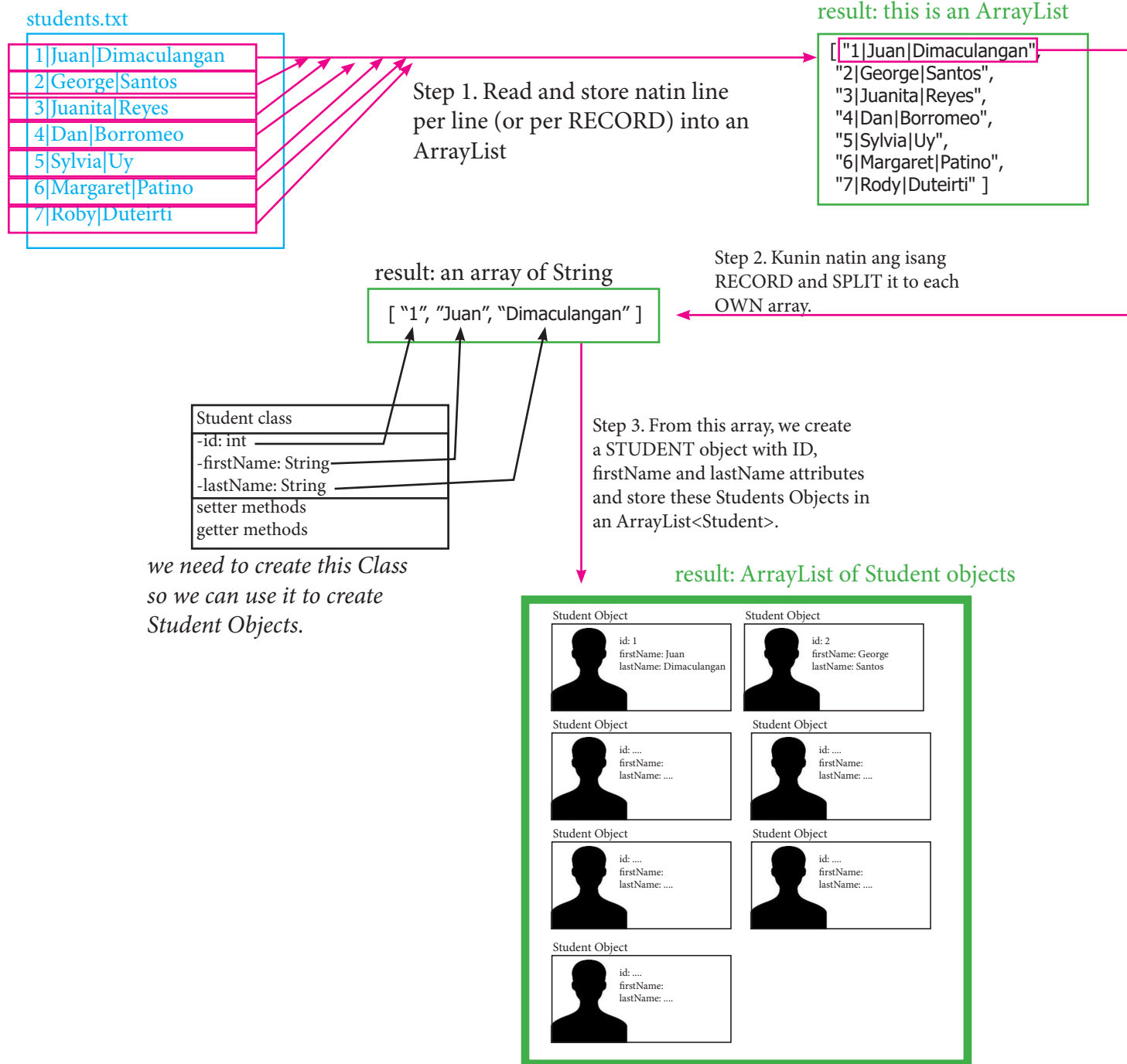
- gusto natin madaling i-manipulate later
- gusto natin madaling i-sort (ascending or descending)
- sort by first name, sort by last name, sort by id

GUSTO natin gawin lahat yan sa pinaka madali at pinaka convenient way

students.txt

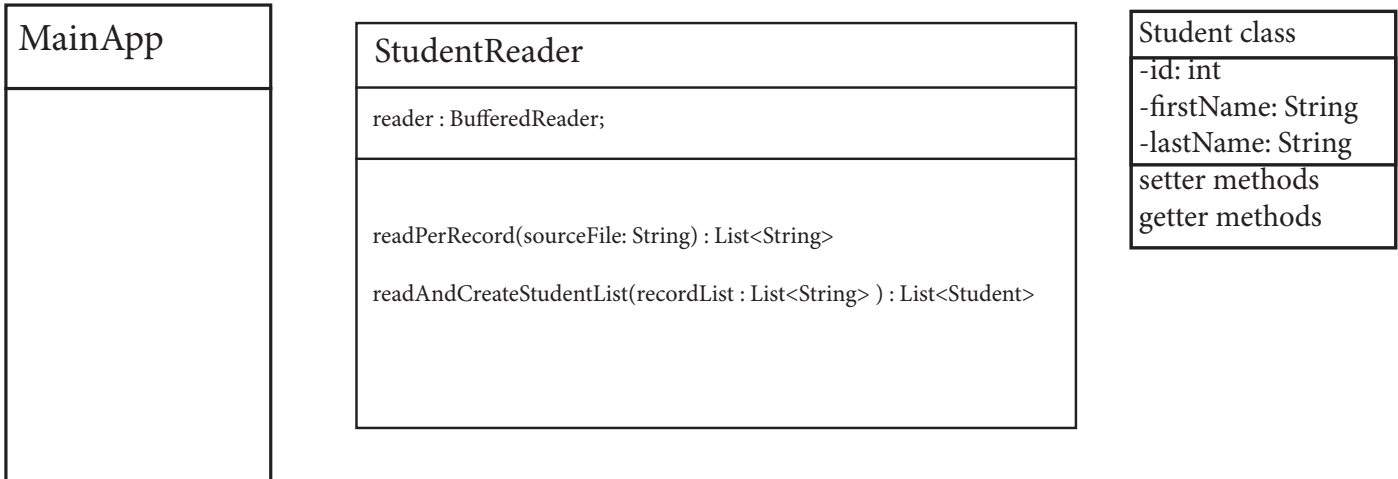
```
1|Juan|Dimaculangan
2|George|Santos
3|Juanita|Reyes
4|Dan|Borromeo
5|Sylvia|Uy
6|Margaret|Patino
7|Roby|Duteirti
```

So here's the picture of how we want to achieve that.

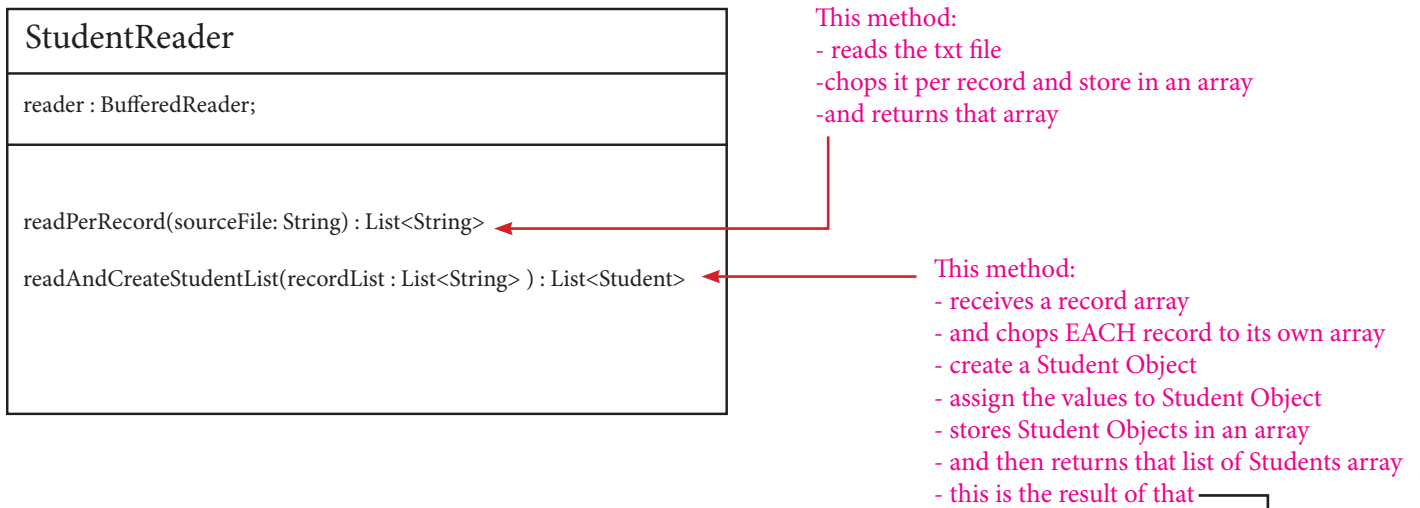


So now our program has 3 classes na gawa natin.

classes na gawa natin



Pretty much in our design, StudentReader will do a lot of the dirty work. Take note of the METHODS that we used so far.



Now guys, once you get an ArrayList of Student Objects, SORTING IS VERY VERY EASY. Sort by ID, sort by first name, sort by last name. Puwede rin magdagdag ng birth date and sort it kung gusto nyo later.

That's next is our next lesson. Part 4.

