Requirements:

* Generate groups based on students in a section.
* Be able to set a max number of members per group.
* Output the groups in a readable format.

Pseudocode:

main class {

main () {

1- read file

2- Ask for method of generating groups (by group number, or by studnets per group)

3- Ask for parameters according to choice of method

4- Generate according to parameters

5- Print groups in a loop, and Generate a file with output

}

method to read students file, with try catch

takes:

-path to file (hardcoded),

returns:

-a list of students

method to create output file, with try catch

takes:

-path to file (same input path),

method to pick a student from given list, and remove him from the list:

takes:

-list

returns:

-picked student

method to distribute students accross groups (according to nubmer of groups),

takes:

-list of students,

-number of groups,

-max number of studnets per group,

returns:

-list of group objects

method to distribute students accross groups (according to nubmer of studetns per group),

takes:

-list of students,

-nubmer of studetns per group,

-max number of studnets per group,

returns:

-list of group objects

}

group class {

list members (using max number per group)

toString {

with printf formatting for spacing (using String.format method as return)

"group #: member1 , member2, ...

}

}