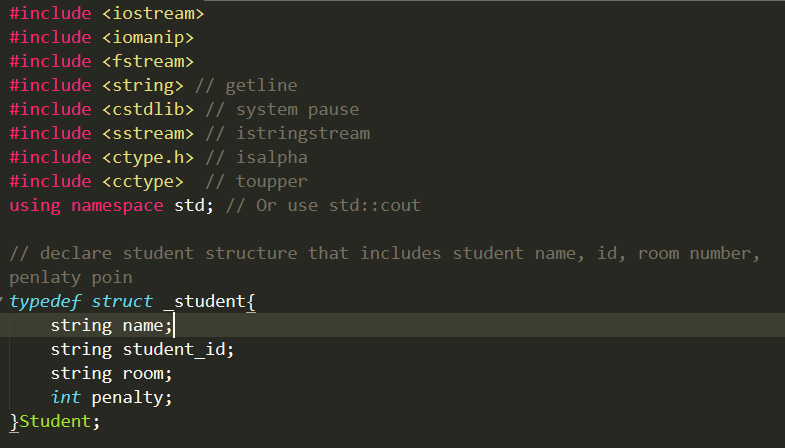
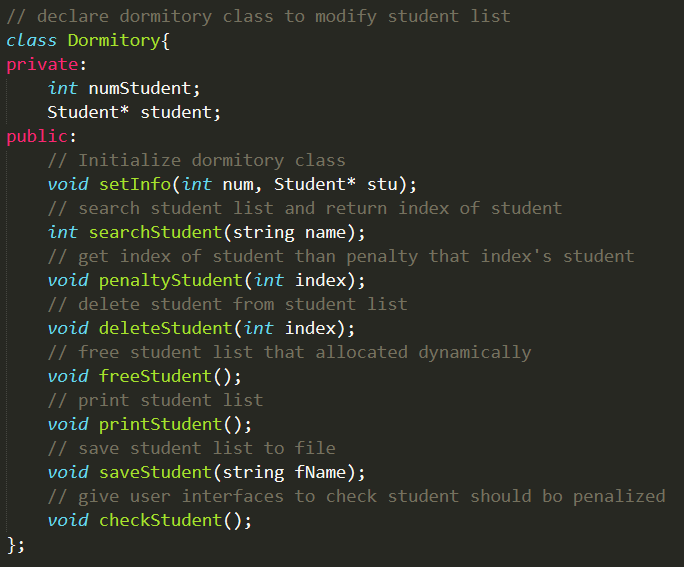
|  |  |  |
| --- | --- | --- |
| **C++ Programming** | **Student**  **number** | **21300691** |
| **Homework 3** | **Name** | **Cheung, Won Sik** |

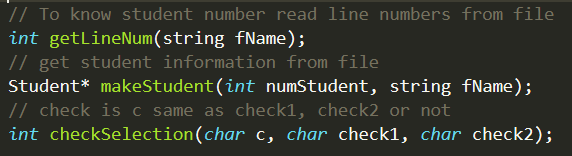
Header file and Student structure that have name, id, room number, penalty point



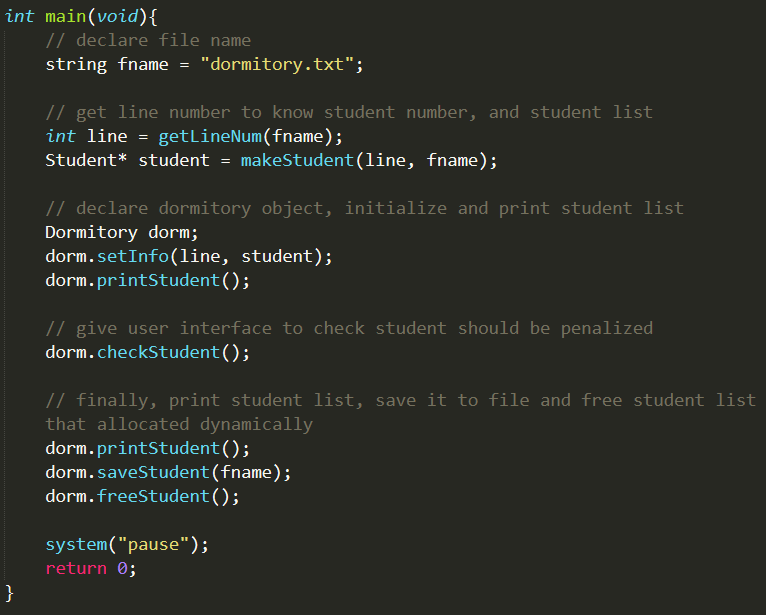
Dormitory class that have student list, number and methods



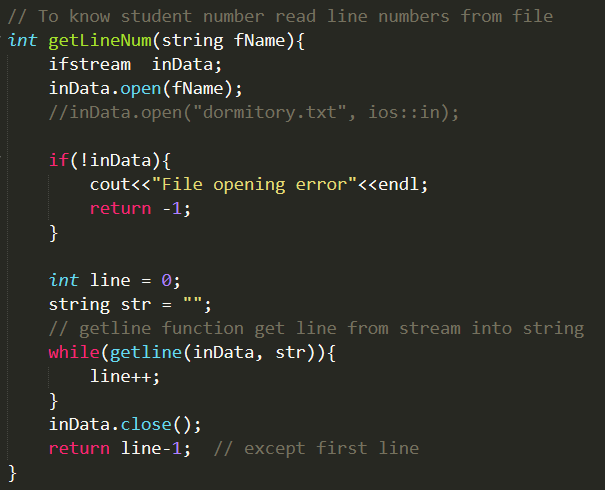
Functions that are used in main and other functions.



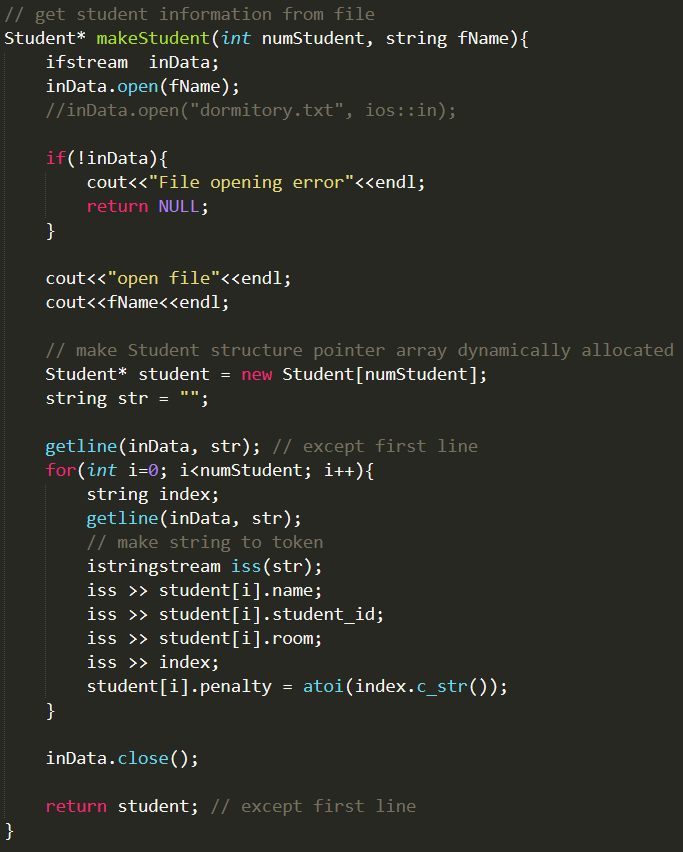
Main function



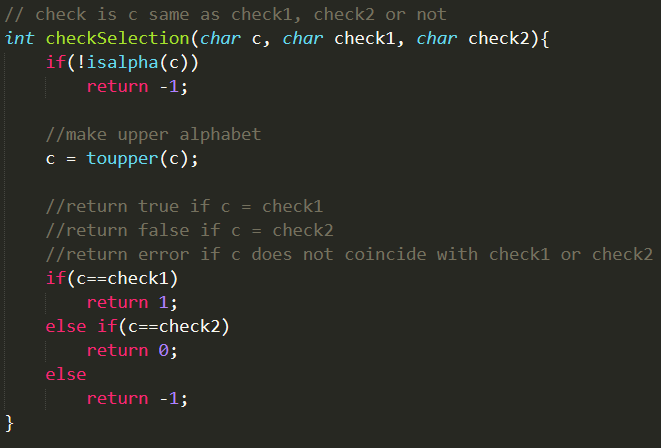
getLineNum function



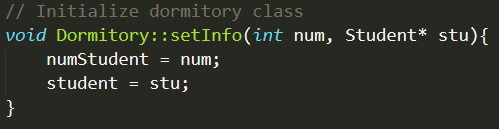
makeStudent function



checkSelection function

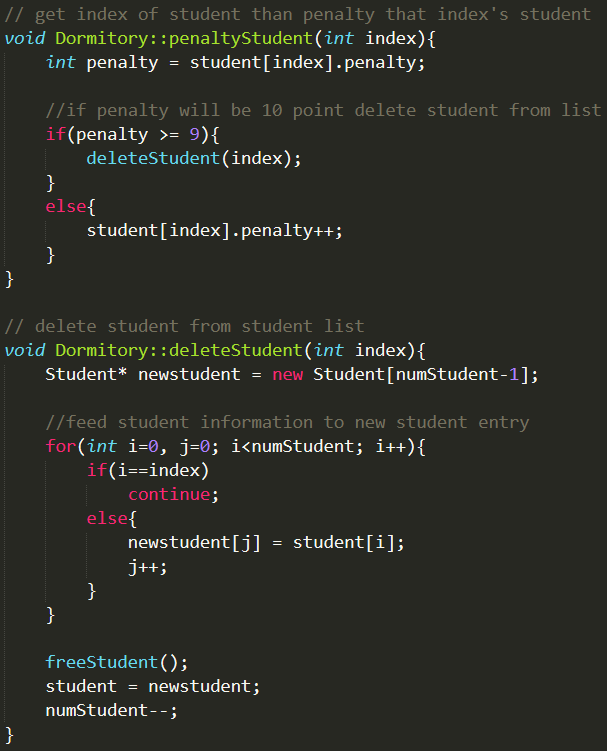


Dormitory::setInfo function



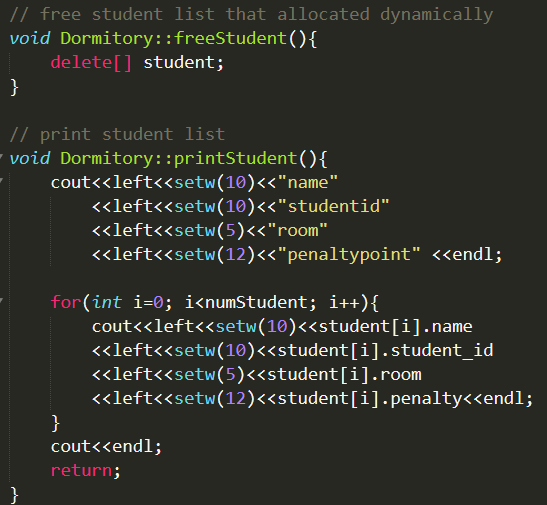
Dormitory::penaltyStudent function

Dormitory::deleteStudent function

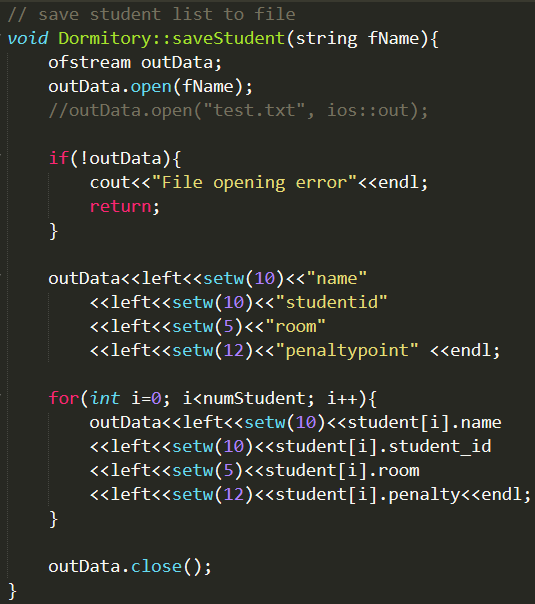


Dormitory::freeStudent function

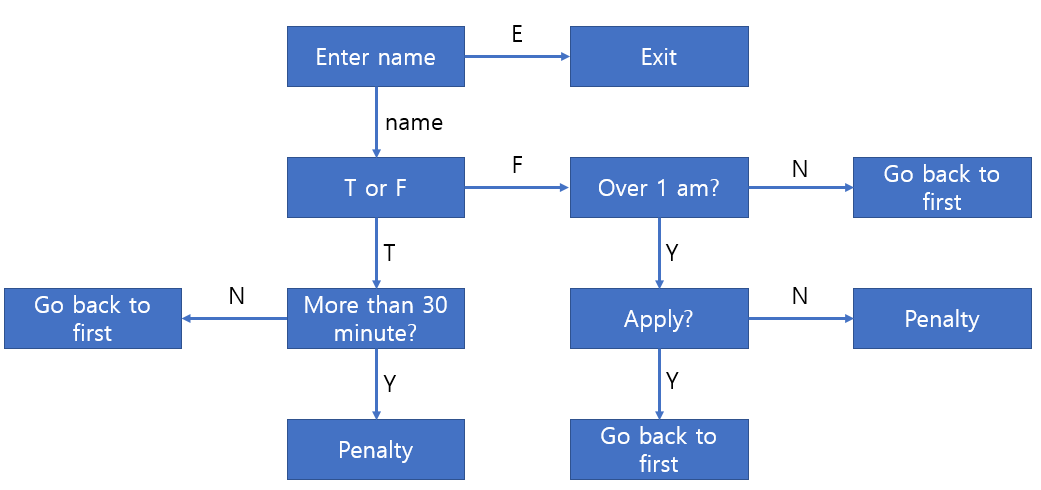
Dormitory::printStudent function



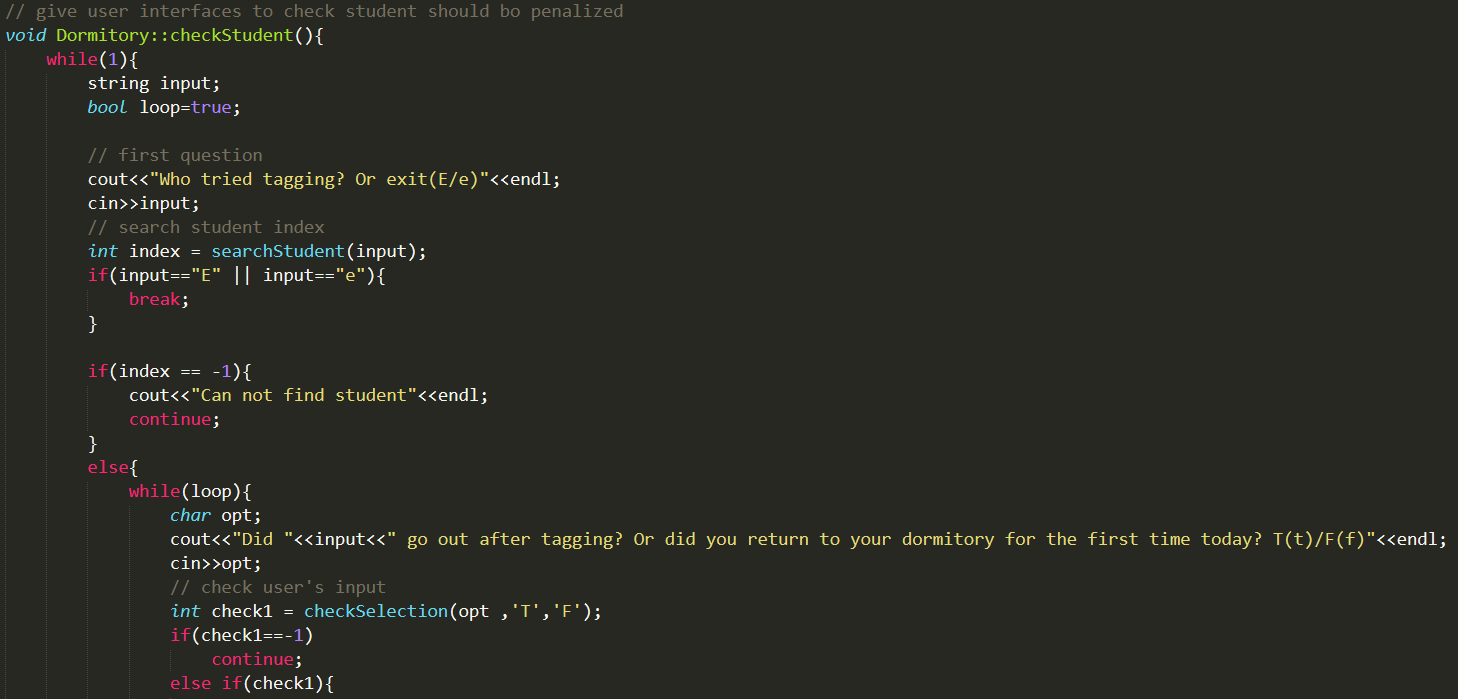
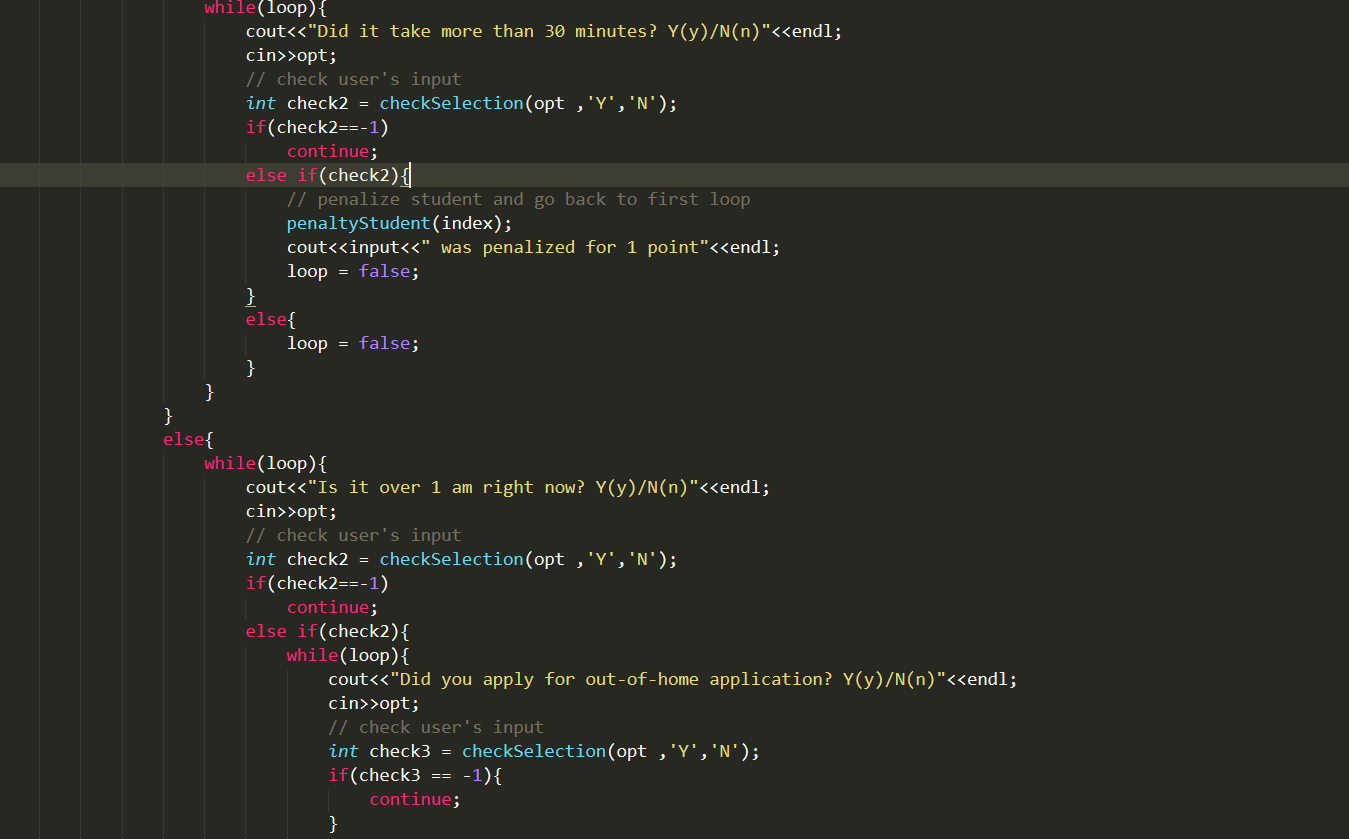
Dormitory::saveStudent function

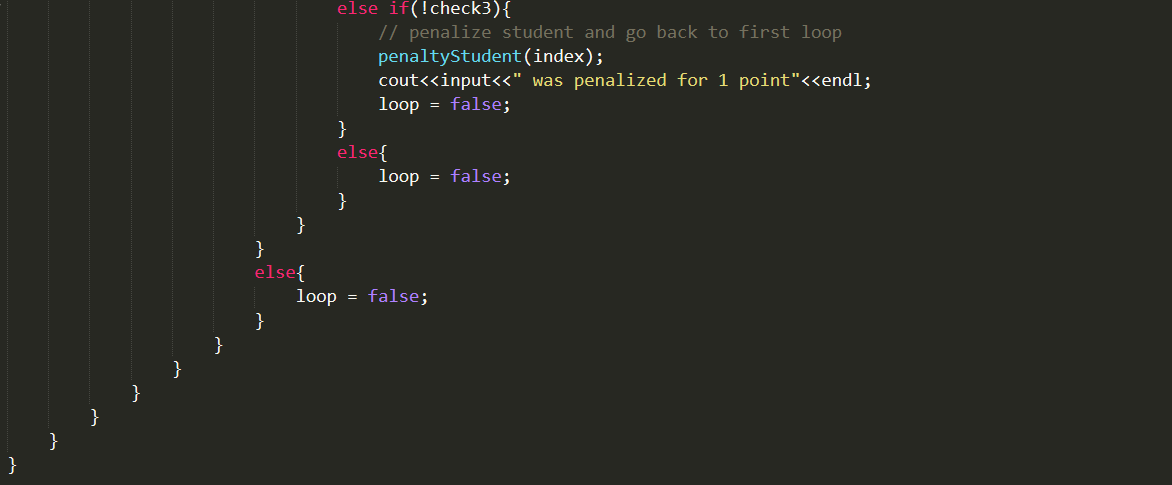


The selection of the user interface is configured as follows.



Dormitory::checkStudent function



Result

