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Algorithm of the final project

* Starting point:
* Declare 2 variables at the beginning “choice” and “getUserchoice”
* Create scanner object
* Prints a selection of choices between 1 – 5
* While(true)a true loop which records the choice of user and begins the iteration through the student’s information
* If statement to allow the user make a choice <1 ll >5
* Return statement that returns the choice of the user
* Main class
* Hastable recalls Student.java which contains all of the variables in separated public methods. It also stores and creates a new int called Students in which saves new students’ information
* Declares int choice, id and string values – firstname, lastname , major, address (Tried using double for the id and address but it kept giving me an error)
* Predefined standard input object
* While (true) to make a loop forever
* Switch statement to select one of the 5 code blocks or cases to be executed.
* Case 1, first switch block
* Try statement to find any error in the code of the case
* User inputs for first name, last name, major, address, and ID to save it in Int Students
* Catch allowed me to find where my error was
* Break statement to break out the switch block, this stops the execution of more code and case testing inside the block
* Case 2, second switch block
* Try statement to catch any exceptions that might be thrown
* Asks the user to input the students ID
* If found it will remove it
* else it will display a message where the student wasn’t found
* catch allows to find any error while making an exception
* Break statement to break out the switch block
* Case 3, third switch block
* Try statement to catch any exceptions that might be thrown
* User inputs the student id
* If the student is found, it will ask for the first name, last name, major, address and modify it in the hastable list
* catch allows to find any error while making an exception
* Break statement to break out the switch block
* Case 4, fourth switch block
* Try statement to catch any exceptions that might be thrown
* For loop and iterator are used to print the students list previously created
* catch allows to find any error while making an exception
* Break statement to break out the switch block
* Case 5, fifth switch block
* Creates an exit by creating an empty message to print