This homework has been designed to develop your understanding on objects, classes and linear array. In a nutshell, in this homework you have create Student objects and store certain information. You can add students to your database (linear array), delete and edit. There are 3 classes – Student, StudentOps and TestStudent. You have to code in StudentOps class. Portions of codes are already done. You have to code where you find //TO DO.

**TestStudent class**

This is where the main method is.

When you run the system, it will give you 4 options. The system will wait for the user to give a number from 1 to 4. If the input is any other number your system should print “Wrong input” and ask for the correct number. This portion is done. Compile and run and of course! See how it is done. [This system does not deal with Exceptions].

You have start reading from TestStudent and thoroughly go through the **// commented lines.**

**StudentOps class**

This is core operating class where you will create Student objects and use methods to do certain jobs. It contains 5 methods: addStudent(), deleteStudent(), editStudent(), resize() and display(). Display is done for you and you have to complete the rest of them. The details of the each function is explained in **// commented lines.** Please follow them.

**Student class**

This is where you save details of students – name, id and so on. This class also contains methods like set and get to access private variables.

A small demo of the system in given below.









