**1 NewRegistration**

* Input: StudentID, Name, Email, MoutainCode, TuitionFee
* Valid: …
* Workflow: input -> valid -> calculate -> save -> return menu

**2 UpdateInformation**

* Input: StudentID, Name, Email, MoutainCode
* Valid: exist – valid – EmtyData return old
* Workflow: input use Student Code -> exist – valid -> save -> display | throw if not exit

**3 Display**

* Retreve list students
* Display Data: StudentID, Name, Email, MoutainCode, TuitionFee | empty -> throw
* Return Menu

**4. Delete**

* Input: Student Code
* Valid: Check Exist
* Handle Case: if exits -> display: information -> ask to confirm -> yes: deleted | no: return menu | if not exits -> throw
* Return menu

**5. SearchByName**

* Input: name
* Search: record matchs input
  + Same name ? display all
* Handle Case: found students -> display
  + If not -> throw
* Return menu

**6 FilterByCampus**

* Input: enter follow campus code
* Filter Data: retreve all students
* Handle Cases: if found students -> display all inforations filtered
  + Iff not -> throw
* Return menu

**7 StaticsticsByLocation()**

* Workflow: retreveData -> calcuate -> displayResults: Peak, Number of Participant, total Cost-> return Menu

**8. Save()**

* Workflow: Data Collection -> covert obj to binary -> save -> Message -> return Menu

**9 Exit()**

* Input: min vs max | throw
* Exit Confirmations: wanna save ? yes: save data | no: exit directly