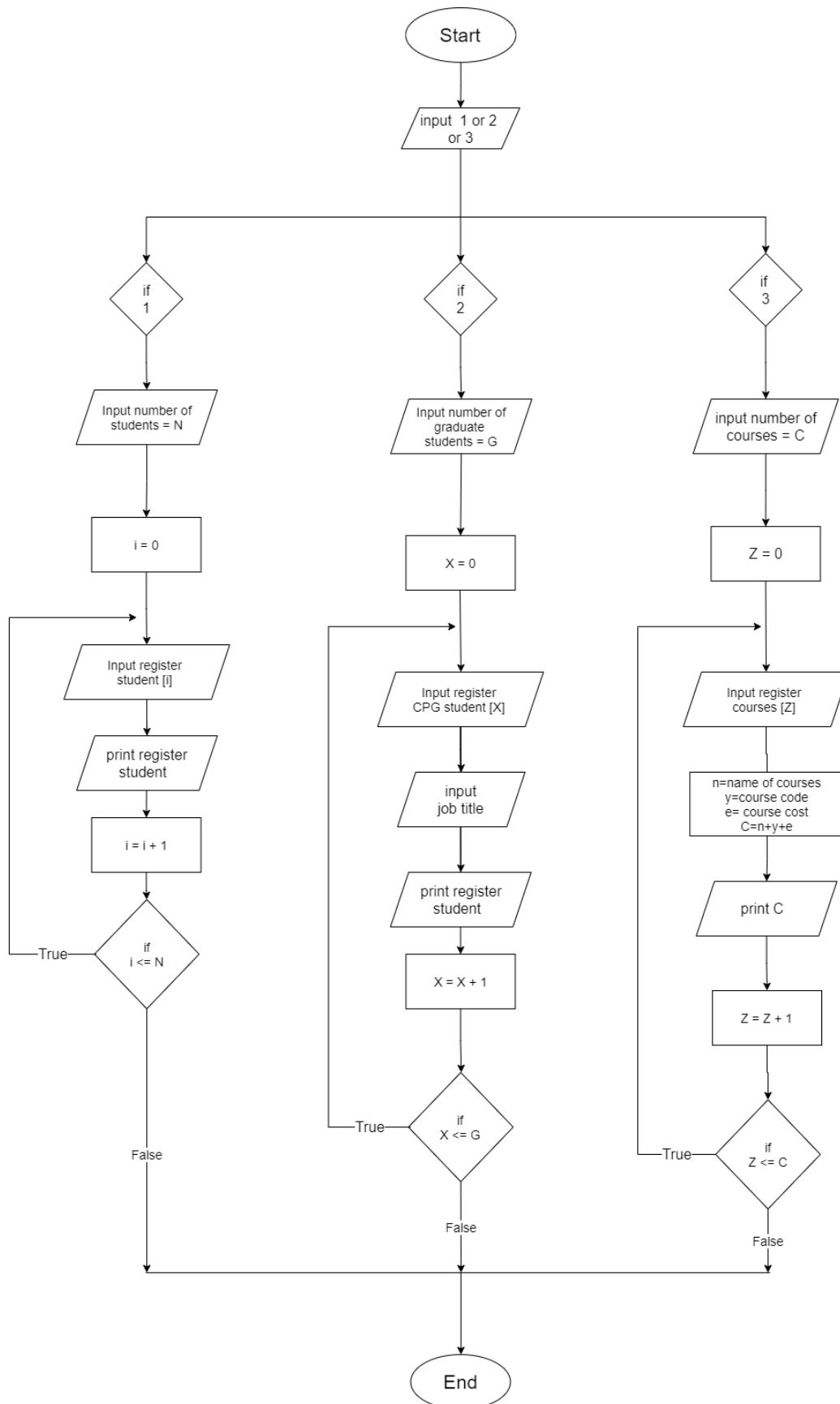


## 479 Project 2:

### Team Members:

1. Sama Ahmed Okasha – 202000452. (Team leader)
2. Nouran Hady Shaaban – 202001903.
3. Rodina Darwish – 202000814.
4. Marwa Mohamad – 202001356.

Flow chart of the code:

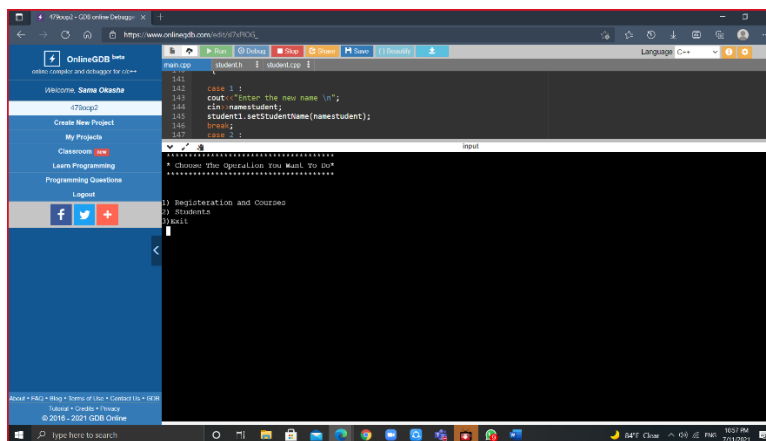


### Application Description (Moodle Simulator):

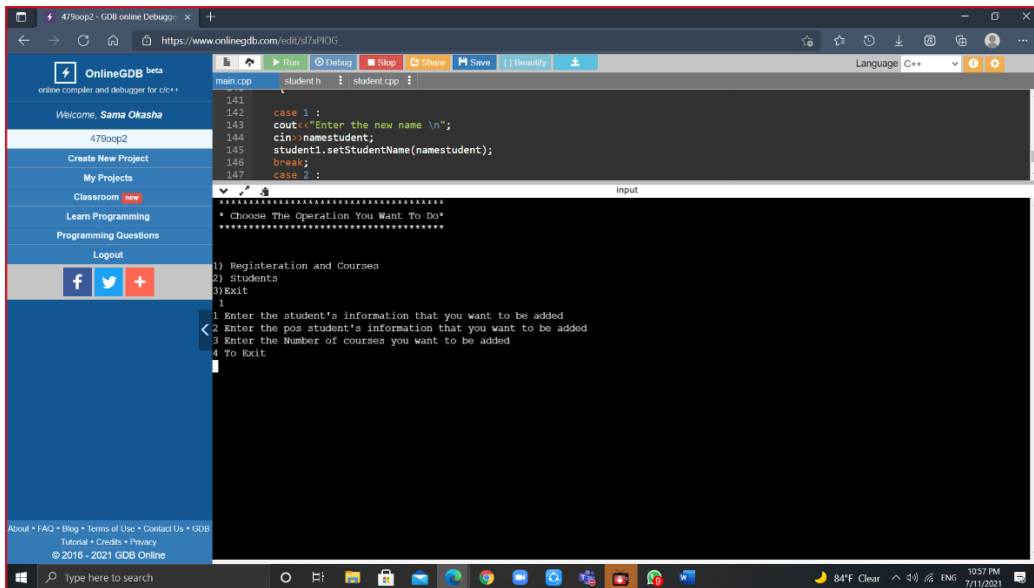
- The program aims to register undergraduate and postgraduate students through:
  1. It receives the student's information as name, id, email, major, etc.
  2. Then it saves it through the public member function in the private variables of **class CStudent** and **CPG\_students**.
  3. The user can use class operations to calculate GPA, get the information he needs.
- It also registers the courses through:
  1. It receives the course's information as name, code, and cost.
  2. Then it saves it through the public member function in the private variables of **class ccourse**.
  3. The user can use class operations to get the information he needs.

### Screens of input and output:

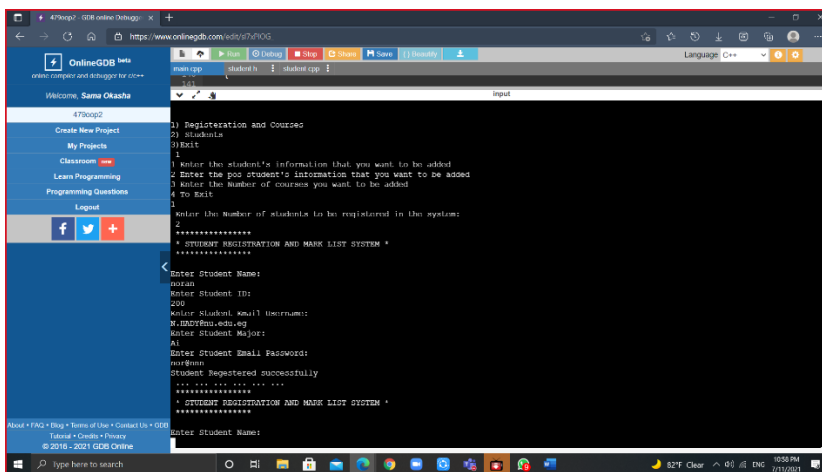
Picture 1:



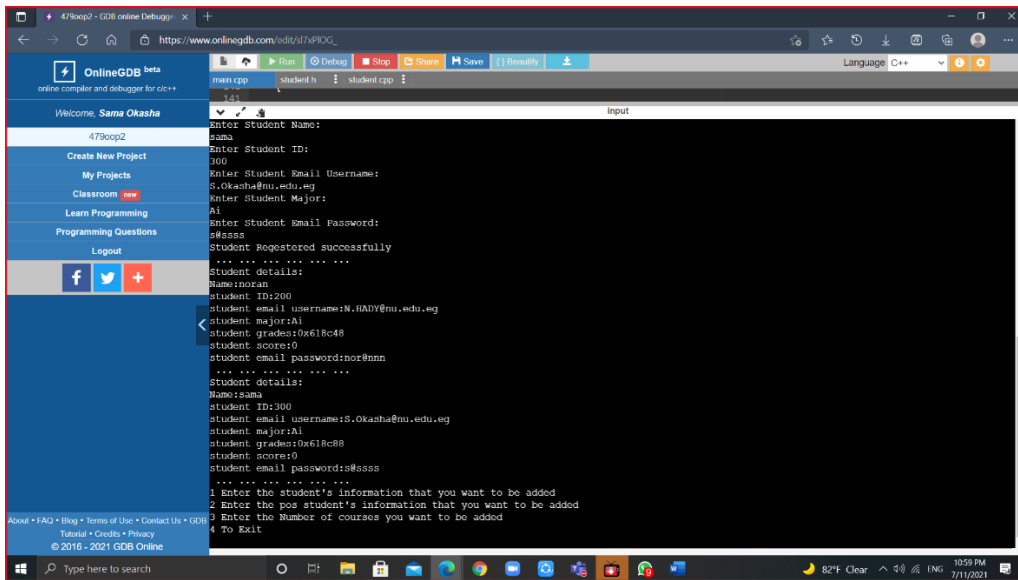
Picture 2:



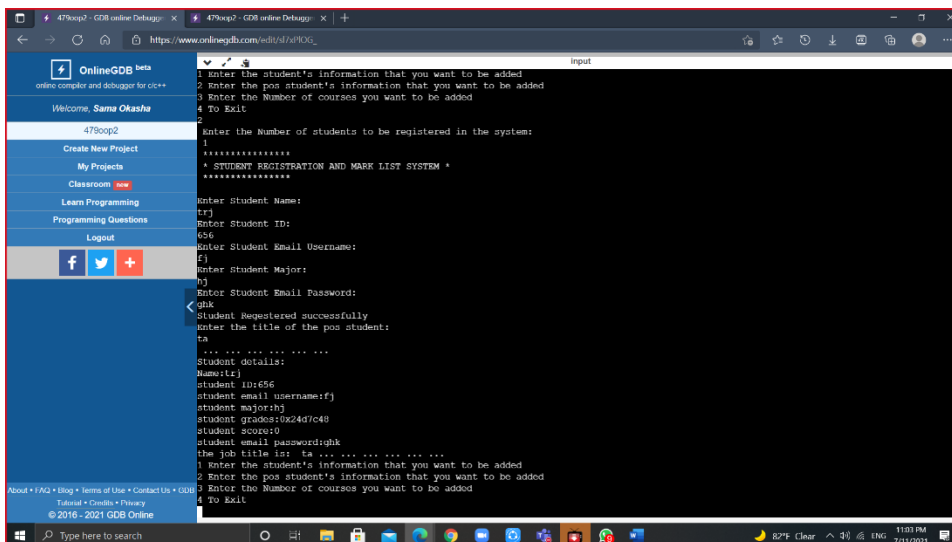
Picture 3:



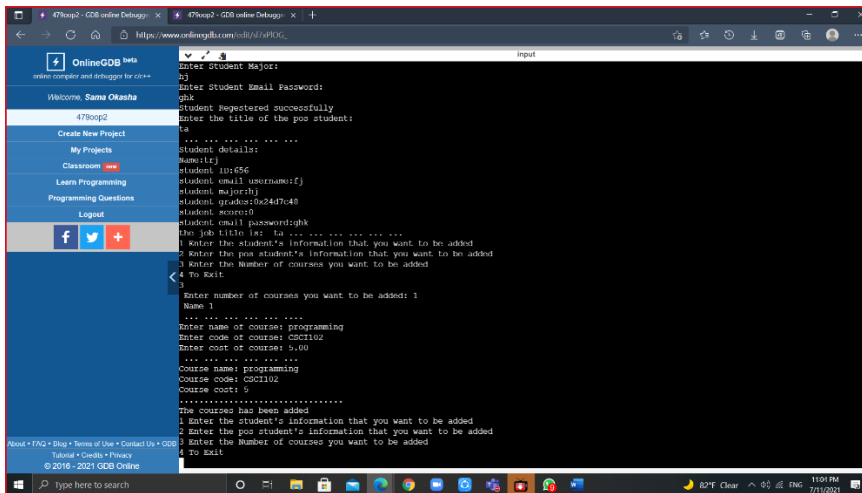
Picture 4:



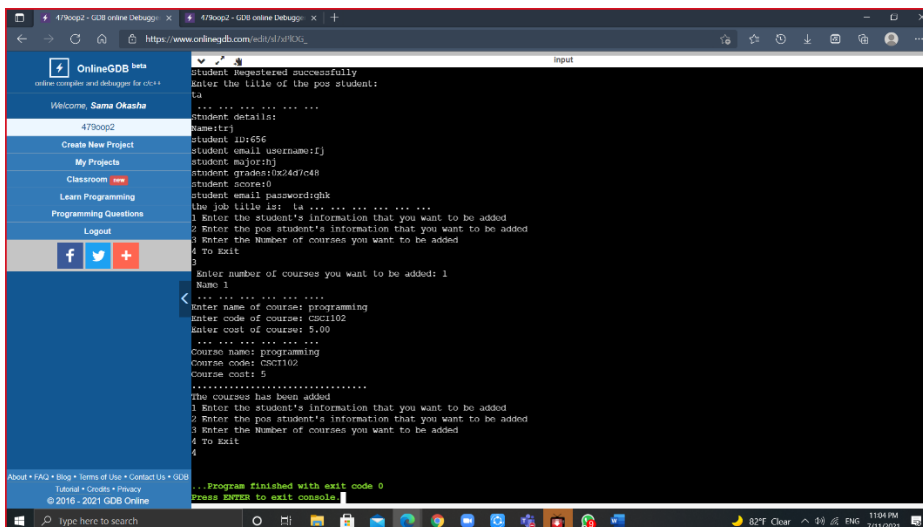
Picture 5:



Picture 6:



Picture 7:



Picture 8:

