Assumptions

There are several assumptions made in the Student Management System:

- Composition
  Cart class exists only when the **Student** class is present, such that, when a student selects the courses from the list of available courses in the **CourseList** class, then only the cart is modified.

- Inheritance
  CoursesList class is inheriting the attributes from the **Courses** class as can be seen from the code. The user entered the courses details through the object of the **Courses** class which is further fed to the **CoursesList** class. This **CoursesList** class further displays all the available courses in the system.

- Dependency
  Studentenrollement class is depended upon all the other class made previously. This means that all the classes made before defines the functionality of the **Studentenrollement** class.

- Aggregation
  Error class is made that defines the functionality to break the loop whenever any irrelevant data is encountered. This class's functionality is further fetched in all the other classes to avoid any unavoidable circumstances. This is an added functionality made available, though not necessary(no impact on the program run).