# **Problem** – Design a **STUDENT MANAGEMENT SYSTEM** Tool that helps Teachers to Update, Add, Delete, and Display details of Students

**Step 1** − START

**Step 2** − Declare struct Student

**Step 3** − Define the value of the Phone number, Roll Number, Percentage, Name

**Step 4** – Write Function for the update, Display, Delete, Insert, Search Separately

**Step 5** – Choices are assigned against Operations

**Step 6** – Select the Choice

**Step 7**– If Choice-1 Selected For Insert using linked list data is loaded

**Step 8 –** If Choice 2 is Selected, if data is present then it will update

**Step 9 – If** Choice 3 is Selected Data is deleted using a linked list

**Step 10** – If Choice 4 is Selected If data is present then print “Record Found” If not print “Record Not Found”

**Step 11** – If Choice 5 is Selected All the available present is displayed using this choice

**Step 12 –** Go to Step 6

**Step 10** − STOP

* **Search** − Search an item in a data structure.
* **Insert** − Insert item in a data structure.
* **Update** − Update an existing item in a data structure.
* **Delete** − delete an existing item from a data structure.
* **Display** – Display All the Items present in Data Structure