



**Course Name: Computer Lab 201 (Data Structure)**  
**Instructor: Dr. Dibakar Saha and Dr. C. M. Anish**

---

**Assignment 3:**

**Take a switch-case statement to make the following menu and develop the functions accordingly.**

- a. The menu should consist of the following options:

Please select the option:

1. Insert a student record
2. Delete a student record
3. Update a student record
4. Display record
5. Exit

- b. The following functions are to be implemented.

S. No	Function Name	Description
1	Insert a student record ( )	To insert a single student record in the list
2	Delete a student record ( )	To Delete a particular student record from the list
3	Update a student record ( )	To update a particular record
4	Display record <ul style="list-style-type: none"><li>• Particular_student record( )</li><li>• Complete list ( )</li></ul>	<ul style="list-style-type: none"><li>• print single student record</li><li>• print all records</li></ul>
5	Exit ( )	for exiting from the program

Instructions:

1. Student record consists of Student Name, Roll\_No, and Marks.
  2. The key would be the roll number.
    - a. Same Roll\_No can not be inserted in the list
    - b. Search, delete and display all will be based on Roll\_No (the key) only.
-