

**DBMS LAB**  
**ASSIGNMENT ON USER INTERFACE DEVELOPMENT AND EVENT DRIVEN**  
**PROGRAMMING**

1. Develop an application using Visual Basic as follows.

User will enter two numbers. Provide button to add or to find the difference. Depending on the option result will be shown in result box. Add a suitable title to the screen. Whenever the form is loaded, also display current date in the title bar.

2. Consider list of departments (dept code and name), list of students (roll, dept code, name, address and phone) preloaded in array. Now develop an application for the following.

User may add/search/edit/delete/display all student record. While adding, ensure roll must be unique, a list of dept name to be shown from which user selects one and corresponding dept code to be stored. On collecting the data user may choose CANCEL/SAVE button to decide course of action. For searching user provides roll. If it exists details are shown else suitable message to be displayed. To delete user provides roll. If it does not exist then suitable message is to be displayed. To edit also user provides roll. If it exists user may be allowed to edit any field except roll. User may select CANCEL/SAVE to decide course of action. To display all records, at a time five records are to be shown. IT will also have PREV/NEXT button to display previous set and next set respectively. When first set is displayed PREV button must be disabled and at last set NEXT button must be disabled.