Note:refer Assignment1 for Works\_on and Project table etc.

1. Create a nonclusterd index for the **enter\_date** column of the **works\_on** table. Sixty percent of each index leaf page should be filled.
2. Create a unique composite index for the **l\_name** and **f\_name** columns of the **employee** table.
3. Create a view that comprises the data of all employees that work for the department d1.
4. For the **project** table, create a view that can be used by employees who are allowed to view all data of this table except the **budget** column.
5. Create a vew that comprises the first and last names of all employees who entered heir projects in the second half of the year 1988.
6. Solve the previous exercise so that the original columns **f\_name** and **l\_name** have new names in the view: **first** and **last**, respectively.
7. use the view in Exercise 3 to display full details of all employees whose last names begin with the letter M.
8. Create a view which comprises full details of all projects on which the employee named smith works .
9. Using the ALTER VIEW statement, modify the condition in the view in Exercise-3. The modified view should comprise the data of all employees that work either for the department d1 or d2, or both.
10. Using the view from Exercise 4, insert details of a new project with project no ‘p2’ and name ‘moon’
11. Create a view( with the WITH CHECK OPTION clause) that comprises the first and last names of all employees whose employee number is less than 10,000. After that, use he view to insert data for a new employee named Kohn with the employee number 22123, who works for the department d3.
12. Create a view(with the WITH CHECK OPTION clause) with full etails from the **works\_on** table for all employees that entered their projects during the years 1998 and 1999. After that, modify the entering date of the employee with the employee number 19346. The new date is 06/01/1997.
13. Solve the above excersise without the WITH CHECK OPTION clause and find the differences in relation to the modification of the data .