

## Lab Assignment 7

1. Create the following tables:

### Student

<u>StdID</u>	Identifies the Student's
Std_name	Student name. Cannot be blank
Std_Join_Date	Date of Join of student. Default is the system date
Std_Status	Student status. Can be either Pass or Fail

### Project

<u>Project Code</u>	Identifies the projects
Project_Description	Name of the project. Cannot be blank and have to be unique
Project_Start_Date	Start date of the project. Cannot be blank
Project_End_Date	End date of the project

### Project\_Allocation

<u>Project Code</u>	Project Code
<u>StdID</u>	Student ID
Std_Proj_Alloc_Date	Student project allocation date
Std_Proj_Submit_Date	Student project submission date

2. Insert the following data in Student table

<u>StdId</u>	Std_name	Std_Join_Date	Std_Status
101	Jhonny	01-Jul-2005	Fail
116	Nayak	16-Aug-2005	Fail
202	Meera	30-Jan-2006	Fail
205	Ravi	11-Feb-2006	Fail
304	Hari	25-Nov-2006	Pass
307	Nancy	15-Jan-2007	Pass
403	Nick	21-Jan-2007	Pass

3. Insert the following data in Project table

<u>Project_Code</u>	Project_Name	Project_Start_Date	Project_End_Date
P001	Environment Pollution	02-Aug-2005	11-Dec-2006
P002	Learning Curve	01-Feb-2006	15-Mar-2006
P003	Culture Database	03-Jan-2007	

4. Insert the following data in Project\_Allocation table

<u>Project_Code</u>	<u>Stdjno</u>	Std_Proj_Alloc_Date	Std_Proj_Submit_Date
P001	101	01-Aug-2005	11-Dec-2006
P001	116	16-Aug-2005	11-Dec-2006
P002	202	01-Feb-2006	14-Jan-2007
P002	307	15-Jan-2007	

P002	205	11-Feb-2006	
P003	403	21-Jan-2007	
P003	304	03-Jan-2007	
P003	101	03-Jan-2007	
P003	116	03-Jan-2007	
P003	202	15-Jan-2007	

5. Write queries for the following :

1. List all the project names along with the student names to whom the project is assigned.
2. Display the name of students whose status is Pass.
3. List the students who have joined in the month of November.
4. List the projects which have started after 1<sup>st</sup> Jan 2006.
5. List all the students who are working for the project entitled 'Effects of IT'.
6. List all the projects that are not yet completed.
7. Display the students who have not submitted project having code P002.
8. Count and display the number of days it took for the completion of project P002.
9. List the name of students along with the number of days they have worked for projects allocated to them.
10. Add a column Project\_Partner\_id in the Projects table

11. Update the Projects table with the following data :

Project_Code	Project_Partner_id
P001	101
P002	202
P003	116

12. A new project entitled “Election Rage” which will be starting on 1<sup>st</sup> March 2007 has been received. Add these details in Projects table.

13. Project named “Culture Database” is cancelled. Remove its details from the Projects table.

14. List the projects with a time duration of more than 13 months.

15. List the number of students, project wise who have worked on the project in Feb – 2007.