

DBMS LAB SESSIONAL

Name- Anirban Hazra

Roll - 2005643

Student Table

```
SQL> select * from student2;
```

STU	STUDENT_NA	STUDENT_D	STUDENT_D
ST1	KRUNAL	15-AUG-82	10-JAN-03
ST3	DARSHAN	15-MAR-83	12-FEB-03
ST4	DHAVAL	11-MAY-82	11-MAR-03
ST5	BIBIN	23-MAY-83	12-MAR-03
ST6	SAMIR	04-SEP-82	12-APR-03
ST7	CHIRAG	04-JUN-82	12-FEB-03
643	ANIRBAN	04-JUN-82	12-FEB-03

7 rows selected.

PROJECT Table

```
SQL> select * from project ;
```

PRJ	PRJ_NAME	PRJ_DUR	PRJ_PLATFO
P01	XYZ	6	VB
P02	ABC	5	JAVA
P03	LMN	6	C++

STUDENT_PROJECT Table

```
SQL> select * from student_project ;
```

STU	PRO	DESIGNATIO
ST1	P01	ANALYST
ST1	P01	PROGRAMMER
ST1	P03	PROGRAMMER
ST3	P02	ANALYST
ST3	P02	MANAGER
ST4	P02	MANAGER
ST5	P03	PROGRAMMER
ST6	P03	MANAGER

8 rows selected.

1. Display the detail of student who is a programmer.

```
SQL> select a.student_No, a.student_Name, a.student_dob, a.student_doj from student2 a, student_project b where a.student_No = b.student_No AND b.designation = 'PROGRAMMER';
```

STU	STUDENT_NO	STUDENT_NAME	STUDENT_DOB	STUDENT_DOJ
ST1	KRUNAL	15-AUG-82	10-JAN-03	
ST1	KRUNAL	15-AUG-82	10-JAN-03	
ST5	BIBIN	23-MAY-83	12-MAR-03	

2. Display detail of the youngest student.

```
SQL> select min(Student_dob) from student2;
```

MIN(STUDENT_DOB)
11-MAY-82

5. Find number of student who participated in the project 'p01'

```
SQL> select count(*) from student_project where project_No = 'P01';
```

COUNT(*)
2

6. Display list of students who joined between 82 to 83.

```
SQL> select * from student2 where student_dob between '1-jan-82' and '31-dec-83';
```

STU	STUDENT_NO	STUDENT_NAME	STUDENT_DOB	STUDENT_DOJ
ST1	KRUNAL	15-AUG-82	10-JAN-03	
ST3	DARSHAN	15-MAR-83	12-FEB-03	
ST4	DHAVAL	11-MAY-82	11-MAR-03	
ST5	BIBIN	23-MAY-83	12-MAR-03	
ST6	SAMIR	04-SEP-82	12-APR-03	
ST7	CHIRAG	04-JUN-82	12-FEB-03	
643	ANIRBAN	04-JUN-82	12-FEB-03	

7 rows selected.

7. Count the number of person assigned to Project no P03.

```
SQL> select count (distinct student_No) from student_project where project_no = 'P03';
```

COUNT(DISTINCT STUDENT_NO)
3