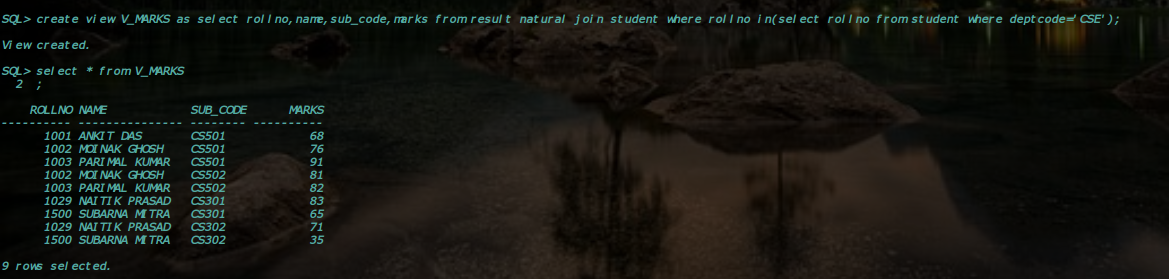
**NAME: SNEHA TIWARI**

**UNIV. ROLL NO.: 11500119052**

**ASSIGNMENT 9 – OUTPUT**

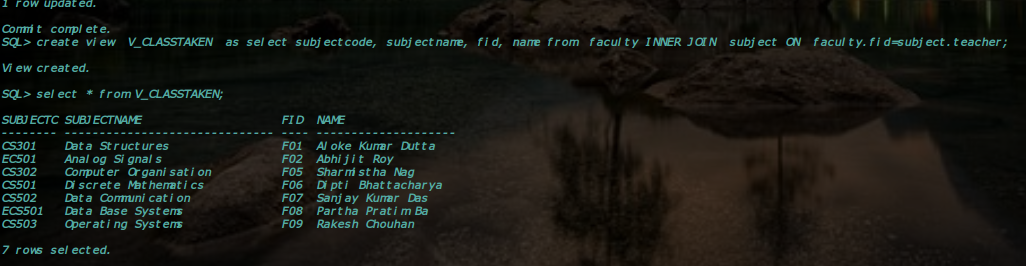
1. **Create view V\_MARKS with roll no, student name, subject code, marks of all CSE students.**

create view V\_MARKS as select rollno, name, sub\_code,marks from result natural join student where rollno in(select rollno from student where deptcode='CSE');



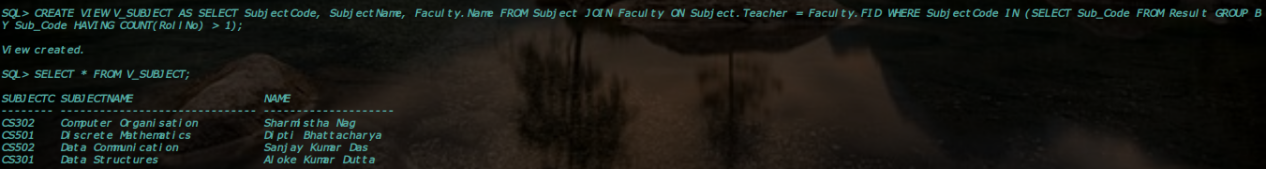
1. **Create view V\_CLASSTAKEN with subject code, subject name, Faculty code, faculty name where the subject is taught by that faculty.**

create view V\_CLASSTAKEN as select subjectcode, subjectname, fid, name from faculty INNER JOIN subject ON faculty.fid=subject.teacher;



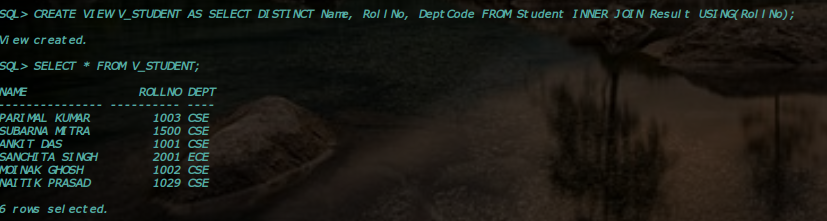
1. **Create view V\_SUBJECT with subject\_code, subject\_name, teacher name where number of student in the subject is more than 1.**

CREATE VIEW V\_SUBJECT AS SELECT SubjectCode, SubjectName, Faculty.Name FROM Subject JOIN Faculty ON Subject.Teacher = Faculty.FID WHERE SubjectCode IN (SELECT Sub\_Code FROM Result GROUP BY Sub\_Code HAVING COUNT(RollNo) > 1);



1. **Create view V\_STUDENT with student name, roll number, department who appeared  in at least one examination.**

CREATE VIEW V\_STUDENT AS SELECT DISTINCT Name, RollNo, DeptCode   
FROM Student INNER JOIN Result USING(RollNo);

****

**5. Create view V\_DEPT with dept code, semester, number of student with more than 75 marks in at least one subject.**

CREATE VIEW V\_DEPT AS SELECT DeptCode, Semester, COUNT(DISTINCT Marks) AS CountStudents FROM Subject JOIN Result ON Subject.SubjectCode = Result.Sub\_Code WHERE Marks > 75 GROUP BY DeptCode, Semester;

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