Sohal Patel

Week 8/ Week 9

1. SELECT EMP\_NUM, EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL

FROM EMPLOYEE

WHERE EMP\_LNAME LIKE 'Smith%'

ORDER BY EMP\_NUM;

1. SELECT PROJ\_NAME, PROJ\_VALUE, PROJ\_BALANCE, EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL, E.JOB\_CODE, J.JOB\_DESCRIPTION, J.JOB\_CHG\_HOUR

FROM PROJECT, EMPLOYEE, JOB

WHERE EMPLOYEE.EMP\_NUM = PROJECT.EMP\_NUM

AND JOB.JOB\_CODE = EMPLOYEE.JOB\_CODE

ORDER BY PROJ\_VALUE;

1. SELECT PROJ\_NAME, PROJ\_VALUE, PROJ\_BALANCE, EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL, E.JOB\_CODE, J.JOB\_DESCRIPTION, J.JOB\_CHG\_HOUR

FROM PROJECT, EMPLOYEE, JOB

WHERE EMPLOYEE.EMP\_NUM = PROJECT.EMP\_NUM

AND JOB.JOB\_CODE = EMPLOYEE.JOB\_CODE

ORDER BY EMP\_LNAME;

1. SELECT ASSIGNMENT.EMP\_NUM, EMP\_LNAME,

SUM (ASSIGNMENT.ASSIGN\_HOURS) AS SumOfASSIGN\_HOURS

SUM (ASSIGNMENT.ASSIGN\_CHG\_HR \* ASSIGNMENT.ASSIGN\_HOURS) AS SumOfASSIGN\_CHARGE

FROM EMPLOYEE, ASSIGNMENT

WHERE EMPLOYEE.EMP\_NUM = ASSIGNMENT.EMP\_NUM

GROUP BY ASSIGNMENT.EMP\_NUM, EMP\_LNAME

ORDER BY ASSIGNMENT.EMP\_NUM;

1. SELECT PROJ\_NUM,

SUM (ASSIGN\_HOURS) AS SumOfASSIGN\_HOURS,

SUM (ASSIGN\_CHARGE) AS SumOfASSIGN\_CHARGE

FROM ASSIGNMENT

GROUP BY PROJ\_NUM

ORDER BY PROJ\_NUM;

**Calculating the Charges:**

SELECT PROJ\_NUM,

SUM (ASSIGN\_HOURS) AS SumOfASSIGN\_HOURS,

SUM (ASSIGNMENT.ASSIGN\_CHG\_HR\*ASSIGNMENT.ASSIGN\_HOURS) AS SumOfASSIGN\_CHARGE

FROM ASSIGNMENT

GROUP BY PROJ\_NUM

ORDER BY PROJ\_NUM;