ASSIGNMENT NO. 3

**Operators:**

**//Arithmetic operators**

select sal,sal+500 from empl where did=20;

**//Comparison operators**

**//less than or equal to**

select \* from empl where sal<=30000;

3 rows returned in 0.00 seconds

**//between-and**

select \* from empl where sal between 35000 and 40000;

**//IN(set)**

select \* from empl where did in(10,30);

**//like**

select ename from empl where ename like '\_a%';

**//Logical operator**

**//AND**

select \* from empl where did=10 and ename like 's%';

**//NOT IN**

select \* from empl where did not in(10,20,30);

Functions:

//Character functions

select initcap(ename) from empl where did=20;

select concat(ename,'jadhav') from empl where eid=1;

select substr(ename,1,5) from empl where eid=1;

select length(ename) from empl where eid=1;

select instr(ename,'r') from empl where eid=1;

select lpad(sal,8,'\*') from empl where eid=1;

select replace('swaranjali','r','p') from empl where eid=1;

select trim('p' from 'priya') from empl where eid=7;

**//Date Functions**

select sysdate from dual;

select months\_between('02-01-96','02-01-95') from dual;

select add\_months('03-28-1997',2) from dual;

select next\_day('03-01-1997','friday') from dual;

select last\_day('03-01-1997') from dual;

**GROUP/Aggrigate Functions:**

select avg(sal) from empl;

select min(sal) from empl;

select max(sal) from empl;

select min(sal),max(sal),avg(sal),sum(sal) from empl;

select count(\*) from empl;

select did,avg(sal) from empl group by did;

select did,avg(sal) from empl group by did having avg(sal)<35000;

**SET Operators:**

**//UNION**

select did from empl union select did from dept;

**//INTERSECT**

select did from empl where eid in(1,3,5) intersect select did from dept;

**//MINUS**

select locid from location minus select locid from dept;