2.1

SQL>select staff\_name,design\_code from staff\_master where hiredate<'01-jan-2003' and staff\_sal between 12000 and 25000;

SQL> select staff\_code ,staff\_name , dept\_code from staff\_master where ( sysdate-hiredate)/365 >= 18 order by hiredate desc;

SQL>select \* from staff\_master where mgr\_code is null;

SQL> select \* from book\_master where book\_pub\_year between 2001 and 2004 and book\_name like '%"&"%';

SQL> select staff\_name from staff\_master where staff\_name like '%\%' escape '\';

SQL> select staff\_name, design\_code from staff\_master where (staff\_sal between 1200 and 25000) and (hiredate < '01-jan-2003');

SQL> select student\_name,to\_char(student\_dob,'month dd yyyy') as student\_dob from student\_master where to\_char(student\_dob,'day') like ('%saturday%') or to\_char(student\_dob,'day') like ('%sunday%');

SQL> select staff\_name, round ((months\_between(sysdate,hiredate)),0) as Months\_Worked from staff\_master order by Months\_Worked;

SQL> alter table staff\_master add grade varchar2(20);

update staff\_master set grade='A' where staff\_sal>50000;

update staff\_master set grade='B' where staff\_sal>25000 and staff\_sal<50000;

update staff\_master set grade='C' where staff\_sal>10000 and staff\_sal<25000;

update staff\_master set grade='D' where staff\_sal<10000;

select staff\_name,staff\_sal,grade from staff\_master;

SQL> select staff\_name,hiredate from staff\_master;

SQL> select instr('Mississippi', 'i',2,3) from dual;

SQL> select to\_char(next\_day(last\_day(sysdate)-7,'friday','dd month,yyyy') as payday from dual;

SQL> select student\_code, student\_name, decode(dept\_code, 20, 'electronics', 30, 'electricals', 'others') department\_name from student\_master;