```
rem // 1
INSERT into classes (class,country,bore,type,numGuns,displacement)
VALUES('Bismark','Germany',14,'bb',8,32000);

rem // 2
INSERT into classes VALUES('Kongo','bc','Japan',8,15,42000);
INSERT into classes VALUES('North Carolina','bb','USA',9,16,37000);
INSERT into classes VALUES('Revenge','bb','Gt. Britain',8,15,29000);
INSERT into classes VALUES('Renown','bc','Gt. Britain',6,15,32000);

rem // 3
select * from classes;

rem // 4
SAVEPOINT A

rem // 5
UPDATE classes SET displacement = 34000 WHERE class = 'Bismark';

rem // 6
UPDATE classes SET displacement=displacement+(0.1*displacement) WHERE numGuns>=9
OR bore>=15;

rem // 7
DELETE from classes where class='Kongo';

rem // 8
select * from classes;

rem // 9
ROLLBACK TO A;

rem // 10
COMMIT;

rem // 11
select first_name,job_id,salary from employees;


rem // 12
select employee_id,first_name || last_name fullname,job_id,salary*12 annual_salary from
employees
                    order by first_name asc;
```

```
rem // 13
select distinct(job_id) from employees;


rem // 14
select employee_id,first_name,job_id,commission_pct
                    from employees where commission_pct>0;


rem // 15
select employee_id,first_name,job_id,salary,department_id from employees where
manager_id>0;


rem // 16
select employee_id,first_name,hire_date,job_id,salary,department_id from employees
where (hire_date>'01May1999' or salary>10000) and job_id!='SA_REP';


rem // 17
select first_name,hire_date,department_id
from employees
where (salary between 5000 and 15000) and
(first_name='A%' or first_name='J%' or first_name='K%' or first_name='S%')
order by first_name;


rem // 18 //error
select employee_id,first_name,hire_date,months_between(sysdate,hire_date)/12
e-years,months_between(sysdate,hire_date) e-months from employees where extract(year from
hire_date)>1998;


rem // 19
select count(distinct(department_id)) num_of_depts from employees order by department_id;



rem // 20
select count(extract (year from hire_date)) no_employees,extract(year from hire_date)
```

```
year_wise from employees
group by extract(year from hire_date) order by extract(year from hire_date);


rem // 21
select min(salary),max(salary),avg(salary),count(department_id),department_id from employees
where department_id is not null having count(department_id)>2 and avg(salary)>10000
group by department_id order by min(salary) desc;
```