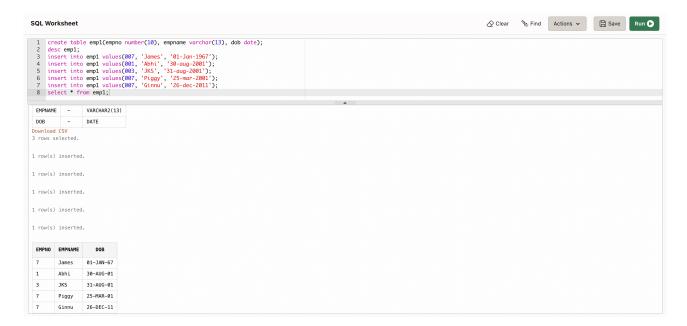EX.NO:3 BASIC SELECT STATEMENTS

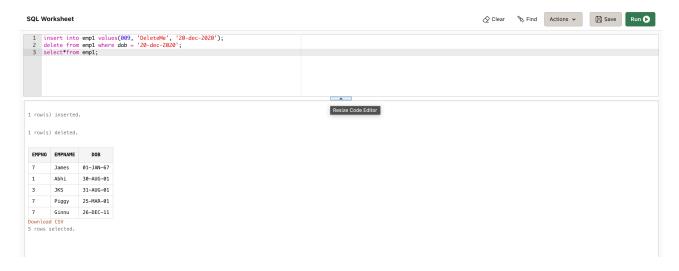AIM : To study the various Basic Select statement on the database.

Commands :

CREATING TABLE -
create table emp1(empno number(10), empname varchar(13), dob date);
desc emp1;
insert into emp1 values(007, 'James', '01-Jan-1967');
insert into emp1 values(001, 'Abhi', '30-aug-2001');
insert into emp1 values(003, 'JKS', '31-aug-2001');
insert into emp1 values(007, 'Piggy', '25-mar-2001');
insert into emp1 values(007, 'Ginnu', '26-dec-2011');
select * from emp1;

SQL Worksheet   Clear   Find   Actions   Save   Run

```
1  create table emp1(empno number(10), empname varchar(13), dob date);
2  desc emp1;
3  insert into emp1 values(007, 'James', '01-Jan-1967');
4  insert into emp1 values(001, 'Abhi', '30-aug-2001');
5  insert into emp1 values(003, 'JKS', '31-aug-2001');
6  insert into emp1 values(007, 'Piggy', '25-mar-2001');
7  insert into emp1 values(007, 'Ginnu', '26-dec-2011');
8  select * from emp1;
```

| EMPNAME | – | VARCHAR2(13) |
| DOB | – | DATE |

Download CSV
3 rows selected.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

EMPNO	EMPNAME	DOB
7	James	01-JAN-67
1	Abhi	30-AUG-01
3	JKS	31-AUG-01
7	Piggy	25-MAR-01
7	Ginnu	26-DEC-11

DELETING COLUMN :
insert into emp1 values(009, 'DeleteMe', '20-dec-2020');
delete from emp1 where dob = '20-dec-2020';
select*from emp1;

SQL Worksheet   Clear   Find   Actions   Save   Run

```
1  insert into emp1 values(009, 'DeleteMe', '20-dec-2020');
2  delete from emp1 where dob = '20-dec-2020';
3  select*from emp1;
```

Resize Code Editor

1 row(s) inserted.

1 row(s) deleted.

EMPNO	EMPNAME	DOB
7	James	01-JAN-67
1	Abhi	30-AUG-01
3	JKS	31-AUG-01
7	Piggy	25-MAR-01
7	Ginnu	26-DEC-11

Download CSV
5 rows selected.

ORDER BY :

select * from emp1 order by empno;

EMPNO	EMPNAME	DOB
1	Abhi	30-AUG-01
3	JKS	31-AUG-01
7	Ginnu	26-DEC-11
7	Piggy	25-MAR-01
7	James	01-JAN-67

Download CSV
5 rows selected.

SORT :

create table empsal(dept number(10), empname varchar(13), sall number(10));
insert into empsal values(1, 'ABC', 10111);
insert into empsal values(2, 'Abhi', 1010101);
insert into empsal values(1, 'QWERT', 20000);
insert into empsal values(1, 'Simran', 80000);
insert into empsal values(2, 'Raj', 8211111);

```
1  create table empsal(dept number(10), empname varchar(13), sall number(10));
2  insert into empsal values(1, 'ABC', 10111);
3  insert into empsal values(2, 'Abhi', 1010101);
4  insert into empsal values(1, 'QWERT', 20000);
5  insert into empsal values(1, 'Simran', 80000);
6  insert into empsal values(2, 'Raj', 8211111);
7
```

Table created.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

select * from empsal order by sall desc;

DEPT	EMPNAME	SALL
2	Raj	8211111
2	Abhi	1010101
1	Simran	80000
1	QWERT	20000
1	ABC	10111

Download CSV
5 rows selected.

select * from empsal where sall > 10000;

SQL Worksheet   Clear   Find   Actions ⌄   Save   Run ▶

```
1 select * from empsal where sall > 10000;
```

DEPT	EMPNAME	SALL
1	ABC	10111
2	Abhi	1010101
1	QWERT	20000
1	Simran	80000
2	Raj	8211111

Download CSV
5 rows selected.

select distinct dept from empsal;
select * from empsal where empname LIKE '%ra%';

SQL Worksheet   Clear   Find   Actions ⌄   Save   Run ▶

```
1 select distinct dept from empsal;
2 select * from empsal where empname LIKE '%ra%';
```

DEPT
1
2

Download CSV
2 rows selected.

DEPT	EMPNAME	SALL
1	Simran	80000

Download CSV

select * from empsal ORDER BY 'DEPT';
select * from empsal ORDER BY 'SALL';
select * from empsal ORDER BY 'EMPNAME';

SQL Worksheet   Clear   Find   Actions ⌄   Save   Run ▶

```
1 select * from empsal ORDER BY 'DEPT';
2 select * from empsal ORDER BY 'SALL';
3 select * from empsal ORDER BY 'EMPNAME';
```

1	ABC	10111
2	Abhi	1010101
1	QWERT	20000
1	Simran	80000
2	Raj	8211111

Download CSV
5 rows selected.

DEPT	EMPNAME	SALL
1	ABC	10111
2	Abhi	1010101
1	QWERT	20000
1	Simran	80000
2	Raj	8211111

Download CSV
5 rows selected.

DEPT	EMPNAME	SALL
1	ABC	10111
2	Abhi	1010101
1	QWERT	20000
1	Simran	80000
2	Raj	8211111