EXPERIMENT-6

Step-1: Create student table and blocks table

Step-2: Insert values into student and blocks table and check whether rows are inserted or not

Step-3: Perform JOIN OPERATIONS

```
SQL> SELECT * FROM student1
  2  JOIN blocks1 ON
  3  student1.dept_name=blocks1.dept_name;

   ROLL_NO NAME                                         DEPT_NAME
---------- ------------------------------------------- ----------
DEPT_NAME  BLOCK_NAME
---------- --------------------
       519 GAYATRI                                      CSM
CSM        B-BLOCK

       523 GREESHMA                                     CSE
CSE        MAIN BLOCK

       557 NANDINI                                      CSD
CSD        A-BLOCK


SQL> SELECT * FROM student1 JOIN blocks1
  2  USING(dept_name);

DEPT_NAME     ROLL_NO NAME
---------- ---------- -------------------------------------------------
BLOCK_NAME
--------------------
CSM              519 GAYATRI
B-BLOCK

CSE              523 GREESHMA
MAIN BLOCK

CSD              557 NANDINI
A-BLOCK


SQL> SELECT * FROM student1
  2  LEFT OUTER JOIN blocks1 ON
  3  student1.dept_name=blocks1.dept_name;
```

```
SQL> SELECT * FROM student1
  2  LEFT OUTER JOIN blocks1 ON
  3  student1.dept_name=blocks1.dept_name;

   ROLL_NO NAME                                         DEPT_NAME
---------- ------------------------------------------- ----------
DEPT_NAME  BLOCK_NAME
---------- --------------------
       519 GAYATRI                                      CSM
CSM        B-BLOCK

       523 GREESHMA                                     CSE
CSE        MAIN BLOCK

       557 NANDINI                                      CSD
CSD        A-BLOCK


SQL> SELECT * FROM student1
  2  RIGHT OUTER JOIN blocks1 ON
  3  student1.dept_name=blocks1.dept_name;

   ROLL_NO NAME                                         DEPT_NAME
---------- ------------------------------------------- ----------
DEPT_NAME  BLOCK_NAME
---------- --------------------
       519 GAYATRI                                      CSM
CSM        B-BLOCK

       523 GREESHMA                                     CSE
CSE        MAIN BLOCK

       557 NANDINI                                      CSD
CSD        A-BLOCK


SQL> SELECT * FROM student1
  2  FULL OUTER JOIN blocks1
  3  ON
  4  student1.dept_name=blocks1.dept_name;
```

```
SQL> SELECT * FROM student1
  2  RIGHT OUTER JOIN blocks1 ON
  3  student1.dept_name=blocks1.dept_name;

   ROLL_NO NAME                                              DEPT_NAME
---------- -------------------------------------------------- ----------
DEPT_NAME  BLOCK_NAME
---------- --------------------
       519 GAYATRI                                            CSM
CSM        B-BLOCK

       523 GREESHMA                                           CSE
CSE        MAIN BLOCK

       557 NANDINI                                            CSD
CSD        A-BLOCK

SQL> SELECT * FROM student1
  2  FULL OUTER JOIN blocks1
  3  ON
  4  student1.dept_name=blocks1.dept_name;

   ROLL_NO NAME                                              DEPT_NAME
---------- -------------------------------------------------- ----------
DEPT_NAME  BLOCK_NAME
---------- --------------------
       519 GAYATRI                                            CSM
CSM        B-BLOCK
       523 GREESHMA                                           CSE
CSE        MAIN BLOCK
       557 NANDINI                                            CSD
CSD        A-BLOCK


SQL>
```

END