CREATE TABLE A

(

ID INT

)

INSERT INTO A VALUES(1)

INSERT INTO A VALUES(1)

INSERT INTO A VALUES(1)

CREATE TABLE B

(

ID INT

)

INSERT INTO B VALUES (1)

|  |
| --- |
| ID |
| 1 |
|  |
|  |

**DO DIFFERENT TYPES OF JOINS AND SEE THE OUTPUT**

SELECT \* FROM A

SELECT \* FROM B

SELECT \* FROM A INNER JOIN B ON A.ID = B.ID

SELECT \* FROM A LEFT OUTER JOIN B ON A.ID = B.ID

SELECT \* FROM A RIGHT OUTER JOIN B ON A.ID = B.ID

SELECT \* FROM A FULL OUTER JOIN B ON A.ID = B.ID

INSERT ANOTHER VALUE INTO B TABLE

INSERT INTO B VALUES(1)

|  |  |
| --- | --- |
| A | B |
|

|  |
| --- |
| ID |
| 1 |
| 1 |
| 1 |

 |

|  |
| --- |
| ID |
| 1 |
| 1 |
|  |

 |

**DO DIFFERENT TYPES OF JOINS AND SEE THE OUTPUT**

SELECT \* FROM A

SELECT \* FROM B

SELECT \* FROM A INNER JOIN B ON A.ID = B.ID

SELECT \* FROM A LEFT OUTER JOIN B ON A.ID = B.ID

SELECT \* FROM A RIGHT OUTER JOIN B ON A.ID = B.ID

SELECT \* FROM A FULL OUTER JOIN B ON A.ID = B.ID

INSERT VALUE 2 INTO A TABLE

INSERT INTO A VALUES(2)

|  |  |
| --- | --- |
| A | B |
|

|  |
| --- |
| ID |
| 1 |
| 1 |
| 1 |
| 2 |

 |

|  |
| --- |
| ID |
| 1 |
| 1 |
|  |

 |

**DO DIFFERENT TYPES OF JOINS AND SEE THE OUTPUT**

SELECT \* FROM A

SELECT \* FROM B

SELECT \* FROM A INNER JOIN B ON A.ID = B.ID

SELECT \* FROM A LEFT OUTER JOIN B ON A.ID = B.ID

SELECT \* FROM A LEFT OUTER JOIN B ON A.ID = B.ID

Create table Products

(

PID INT,

PRODUCTNAME VARCHAR(100),

PRICE FLOAT

)

delete from Products

INSERT INTO Products VALUES(1,'A',10)

INSERT INTO Products VALUES(2,'B',20)

INSERT INTO Products VALUES(null,'C',30)

SELECT \* FROM Products

Create table Category

(

CID INT,

CATEGORYNAME VARCHAR(100),

PID INT

)

delete from Category

INSERT INTO Category VALUES(1,'SUPER',1)

INSERT INTO Category VALUES(2,'MEDIUM',2)

INSERT INTO Category VALUES(3,'LOW',NULL)

select \* from Category

select \* from Products inner join Category on Products.PID = Category.PID

select \* from Products left outer join Category on Products.PID = Category.PID

select \* from Products right outer join Category on Products.PID = Category.PID