

**DBMS**  
**EXPERIMENT - 7**

Exp. No	Conducted on	Submitted On	Date of Late Submission (if Any)	Max Marks Allotted	Marks Obtained	Faculty Signature
1	16/03/2022	23/03/2022		10		
Exp Title	Join Queries					

**Aim**

To join tables using the Join in SQL queries.

**Syntax**

SELECT table1.column, table2.column

FROM table1, table2

WHERE table1.column1 = table2.column2;

**Queries:**

CREATE TABLE "ORDERS"

(

"ORD\_NUM" NUMBER(6,0) NOT NULL PRIMARY KEY,

"ORD\_AMOUNT" NUMBER(12,2) NOT NULL,

"ADVANCE\_AMOUNT" NUMBER(12,2) NOT NULL,

"ORD\_DATE" DATE NOT NULL,

"CUST\_CODE" VARCHAR2(6) NOT NULL REFERENCES CUSTOMER,

"AGENT\_CODE" CHAR(6) NOT NULL REFERENCES AGENTS,

"ORD\_DESCRIPTION" VARCHAR2(60) NOT NULL

);

INSERT INTO ORDERS VALUES('200100', '1000.00', '600.00', '08/01/2008', 'C00013', 'A003', 'SOD');  
INSERT INTO ORDERS VALUES('200110', '3000.00', '500.00', '04/15/2008', 'C00019', 'A010', 'SOD');  
INSERT INTO ORDERS VALUES('200107', '4500.00', '900.00', '08/30/2008', 'C00007', 'A010', 'SOD');  
INSERT INTO ORDERS VALUES('200112', '2000.00', '400.00', '05/30/2008', 'C00016', 'A007', 'SOD');  
INSERT INTO ORDERS VALUES('200113', '4000.00', '600.00', '06/10/2008', 'C00022', 'A002', 'SOD');  
INSERT INTO ORDERS VALUES('200102', '2000.00', '300.00', '05/25/2008', 'C00012', 'A012', 'SOD');  
INSERT INTO ORDERS VALUES('200114', '3500.00', '2000.00', '08/15/2008', 'C00002', 'A008',  
'SOD');  
INSERT INTO ORDERS VALUES('200122', '2500.00', '400.00', '09/16/2008', 'C00003', 'A004', 'SOD');  
INSERT INTO ORDERS VALUES('200118', '500.00', '100.00', '07/20/2008', 'C00023', 'A006', 'SOD');  
INSERT INTO ORDERS VALUES('200119', '4000.00', '700.00', '09/16/2008', 'C00007', 'A010', 'SOD');  
INSERT INTO ORDERS VALUES('200121', '1500.00', '600.00', '09/23/2008', 'C00008', 'A004', 'SOD');  
INSERT INTO ORDERS VALUES('200130', '2500.00', '400.00', '07/30/2008', 'C00025', 'A011', 'SOD');  
INSERT INTO ORDERS VALUES('200134', '4200.00', '1800.00', '09/25/2008', 'C00004', 'A005',  
'SOD');  
INSERT INTO ORDERS VALUES('200108', '4000.00', '600.00', '02/15/2008', 'C00008', 'A004', 'SOD');  
INSERT INTO ORDERS VALUES('200103', '1500.00', '700.00', '05/15/2008', 'C00021', 'A005', 'SOD');  
INSERT INTO ORDERS VALUES('200105', '2500.00', '500.00', '07/18/2008', 'C00025', 'A011', 'SOD');  
INSERT INTO ORDERS VALUES('200109', '3500.00', '800.00', '07/30/2008', 'C00011', 'A010', 'SOD');  
INSERT INTO ORDERS VALUES('200101', '3000.00', '1000.00', '07/15/2008', 'C00001', 'A008',  
'SOD');  
INSERT INTO ORDERS VALUES('200111', '1000.00', '300.00', '07/10/2008', 'C00020', 'A008', 'SOD');  
INSERT INTO ORDERS VALUES('200104', '1500.00', '500.00', '03/13/2008', 'C00006', 'A004', 'SOD');  
INSERT INTO ORDERS VALUES('200106', '2500.00', '700.00', '04/20/2008', 'C00005', 'A002', 'SOD');  
INSERT INTO ORDERS VALUES('200125', '2000.00', '600.00', '10/10/2008', 'C00018', 'A005', 'SOD');  
INSERT INTO ORDERS VALUES('200117', '800.00', '200.00', '10/20/2008', 'C00014', 'A001', 'SOD');  
INSERT INTO ORDERS VALUES('200123', '500.00', '100.00', '09/16/2008', 'C00022', 'A002', 'SOD');  
INSERT INTO ORDERS VALUES('200120', '500.00', '100.00', '07/20/2008', 'C00009', 'A002', 'SOD');  
INSERT INTO ORDERS VALUES('200116', '500.00', '100.00', '07/13/2008', 'C00010', 'A009', 'SOD');

```
INSERT INTO ORDERS VALUES('200124', '500.00', '100.00', '06/20/2008', 'C00017', 'A007', 'SOD');
INSERT INTO ORDERS VALUES('200126', '500.00', '100.00', '06/24/2008', 'C00022', 'A002', 'SOD');
INSERT INTO ORDERS VALUES('200129', '2500.00', '500.00', '07/20/2008', 'C00024', 'A006', 'SOD');
INSERT INTO ORDERS VALUES('200127', '2500.00', '400.00', '07/20/2008', 'C00015', 'A003', 'SOD');
INSERT INTO ORDERS VALUES('200128', '3500.00', '1500.00', '07/20/2008', 'C00009', 'A002',
'SOD');
INSERT INTO ORDERS VALUES('200135', '2000.00', '800.00', '09/16/2008', 'C00007', 'A010', 'SOD');
INSERT INTO ORDERS VALUES('200131', '900.00', '150.00', '08/26/2008', 'C00012', 'A012', 'SOD');
INSERT INTO ORDERS VALUES('200133', '1200.00', '400.00', '06/29/2008', 'C00009', 'A002', 'SOD');
select cust_name,ord_amount
```

```
from CUSTOMER,ORDERS
```

```
where CUSTOMER.cust_code=ORDERS.cust_code
```



The screenshot shows a code editor interface with a 'Run' button (green) and a 'Save' button (blue) at the top right. Below the buttons, the word 'Output' is displayed. The output area contains a list of customer names followed by a vertical bar and a number, representing the advance amount. The list is as follows:

Customer Name	Advance Amount
Rangarappa	800
Avinash	500
Ramesh	500
Charles	500
Srinivas	500
Avinash	500
Cook	2500
Stuart	2500
Ramesh	3500
Ramanathan	2000
Steven	900
Ramesh	1200

At the bottom of the output area, it says '[Execution complete with exit code 0]'.

```
select cust_name,ord_amount,advance_amount  
  
from CUSTOMER,ORDERS  
  
where CUSTOMER.cust_code=ORDERS.cust_code  
  
and advance_amount>500;
```



## Output

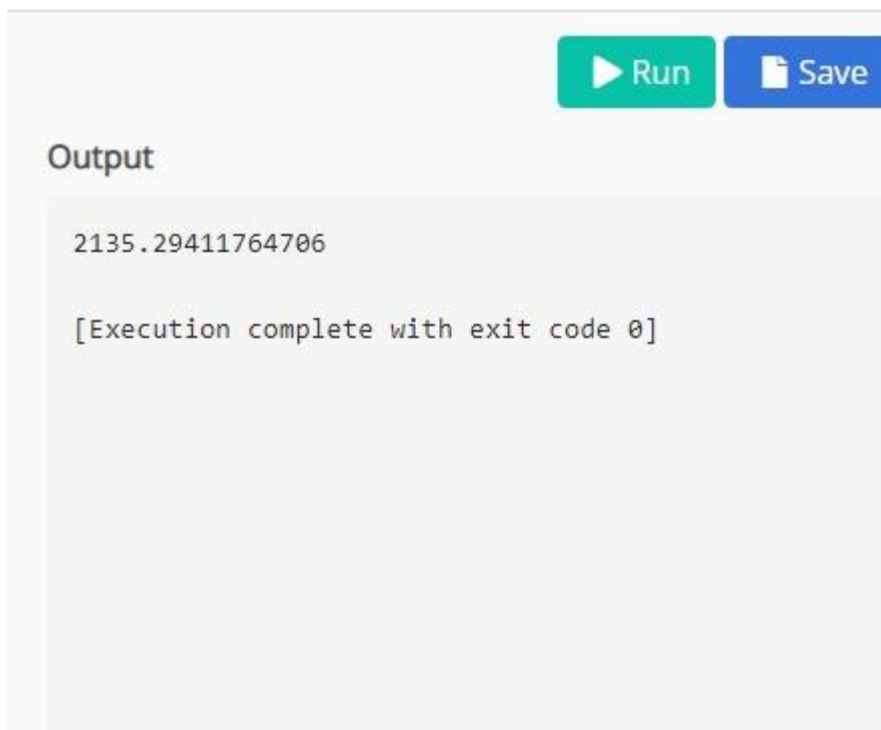
```
Ramesh|1000|800
Bolt|3500|2000
Ramanathan|4000|700
Karolina|1500|600
Winston|4200|1800
Karolina|4000|600
Jacks|1500|700
Sundariya|3500|800
Micheal|3000|1000
Sasikant|2500|700
Fleming|2000|600
Ramesh|3500|1500
Ramanathan|2000|800
```

```
[Execution complete with exit code 0]
```

```
select avg(ord_amount)
```

```
from CUSTOMER,ORDERS
```

```
where customer.cust_code=orders.cust_code
```



## **Result**

Thus the JOIN queries were successfully executed and verified.