

DATABASE MANAGEMENT SYSTEMS SQL – PRACTICE 2

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COURSE CODE: CSA0564

SELECT MAX(salary)

FROM Employee;

A screenshot of a SQL query execution interface. The query 'SELECT MAX(salary) FROM Employee' is entered in a text box. Below it, a table displays the result with a single column 'MAX(SALARY)' and a single row containing the value '75000'. At the bottom, a status bar indicates 'Statement processed. 0.00 seconds'.

MAX(SALARY)
75000

Statement processed. 0.00 seconds

SELECT MIN(salary)

FROM Employee;

A screenshot of a SQL query execution interface. The query 'SELECT MIN(salary) FROM Employee' is entered in a text box. Below it, a table displays the result with a single column 'MIN(SALARY)' and a single row containing the value '23000'. At the bottom, a status bar indicates 'Statement processed. 0.01 seconds'.

MIN(SALARY)
23000

Statement processed. 0.01 seconds

SELECT SUM(salary)

FROM Employee

WHERE emp_id >105;

A screenshot of a SQL query execution interface. The query 'SELECT SUM(salary) FROM Employee WHERE emp_id >105' is entered in a text box. Below it, a table displays the result with a single column 'SUM(SALARY)' and a single row containing the value '466000'. At the bottom, a status bar indicates 'Statement processed. 0.01 seconds'.

SUM(SALARY)
466000

Statement processed. 0.01 seconds

SELECT AVG(salary)

FROM Employee

WHERE emp_id <105;

```
SELECT AVG(salary) FROM Employee WHERE emp_id <105
```

AVG(SALARY)
49500

Statement processed. 0.01 seconds

```
SELECT ROUND(VARIANCE(salary),10)
FROM Employee;
```

```
SELECT ROUND(VARIANCE(salary),10) FROM Employee
```

ROUND(VARIANCE(SALARY),10)
184638095.2380952381

Statement processed. 0.01 seconds

```
SELECT ROUND(STDDEV(salary),10)
FROM Employee;
```

```
SELECT ROUND(STDDEV(salary),10) FROM Employee
```

ROUND(STDDEV(SALARY),10)
13588.1601123219

Statement processed. 0.00 seconds

```
SELECT firstName, MAX(salary)
FROM Employee
WHERE emp_id>105
GROUP BY firstName;
```

```
SELECT firstName, MAX(salary) FROM Employee WHERE emp_id>105 GROUP BY firstName
```

FIRSTNAME	MAX(SALARY)
Hannah	43000
Ernie	40000
Blaise	62000
Theodore	61000
Cho	25000
Susan	40000
Justin	23000
Pansy	53000
Draco	75000
Dean	44000

10 rows selected. 0.00 seconds

```
SELECT MIN(salary), MAX(salary)
```

```
FROM Employee;
```

```
SELECT MIN(salary), MAX(salary) FROM Employee
```

MIN(SALARY)	MAX(SALARY)
23000	75000

Statement processed. 0.00 seconds

```
SELECT deptID, MAX(salary)
```

```
FROM Employees
```

```
GROUP BY deptID
```

```
HAVING COUNT(*)>1
```

```
ORDER BY deptId;
```

```
SELECT deptID, MAX(salary) FROM Employees GROUP BY deptID HAVING COUNT(*)>1 ORDER BY deptId
```

DEPTID	MAX(SALARY)
1	60000
2	90000

2 rows selected. 0.00 seconds

```
SELECT COUNT(deptID)
```

FROM Employees;

SELECT COUNT(deptID) FROM Employees	
COUNT(DEPTID)	
5	
Statement processed. 0.00 seconds	

SELECT COUNT(*)

FROM Employees

WHERE salary>60000;

SELECT COUNT(*) FROM Employees WHERE salary>60000	
COUNT(*)	
3	
Statement processed. 0.00 seconds	

SELECT DISTINCT(salary)

FROM Employee;

SELECT DISTINCT(salary) FROM Employee	
SALARY	
55000	
75000	
45000	
62000	
53000	
61000	
43000	
40000	
44000	
25000	
23000	
50000	
12 rows selected. 0.00 seconds	

SELECT SUM (DISTINCT salary)

FROM Employee

WHERE emp_id<105;

```
SELECT SUM (DISTINCT salary) FROM Employee WHERE emp_id<105
```

SUM(DISTINCTSALARY)
198000

Statement processed. 0.00 seconds

```
SELECT AVG(NVL(salary,0))
```

FROM Employee;

[illegible]

```
SELECT lastName, MAX(salary)
```

FROM Employee

GROUP BY lastName

```
ORDER BY lastName;
```

```
SELECT lastName, MAX(salary) FROM Employee GROUP BY lastName ORDER BY lastName
```

LASTNAME	MAX(SALARY)
Abbot	43000
Bones	40000
Chang	25000
Flenchy	23000
Granger	55000
Longbottom	53000
Lovegoog	45000
Malfoy	75000
McMillan	40000
Nott	61000
Parkinson	53000
Potter	50000
Thomas	44000
Weasley	40000
Zabini	62000

15 rows selected. 0.00 seconds

```
SELECT lastName, COUNT(salary)
```

```
FROM Employee
```

```
GROUP BY lastName
```

```
ORDER BY lastName;
```

```
SELECT lastName, COUNT(salary) FROM Employee GROUP BY lastName ORDER BY lastName
```

LASTNAME	COUNT(SALARY)
Abbot	1
Bones	1
Chang	1
Flenchy	1
Granger	1
Longbottom	1
Lovegoog	1
Malfoy	1
McMillan	1
Nott	1
Parkinson	1
Potter	1
Thomas	1
Weasley	1
Zabini	1

15 rows selected. 0.01 seconds

```
SELECT emp_id, COUNT(salary)
FROM Employee
WHERE lastName!= 'Parkinson'
GROUP BY emp_id
ORDER BY emp_id;
```

```
SELECT emp_id, COUNT(salary) FROM Employee WHERE lastName!= 'Parkinson' GROUP BY emp_id ORDER BY emp_id
```

EMP_ID	COUNT(SALARY)
101	1
102	1
103	1
104	1
105	1
106	1
107	1
108	1
110	1
111	1
112	1
113	1
114	1
115	1

14 rows selected. 0.00 seconds

```
SELECT firstName, ROUND(AVG (salary)) AS "average salary"
```

```
FROM Employee
```

```
GROUP BY firstName
```

```
ORDER BY firstName;
```



```
SELECT firstName, ROUND(AVG (salary)) AS "average salary" FROM Employee GROUP BY firstName ORDER BY firstName
```

FIRSTNAME	average salary
Blaise	62000
Cho	25000
Dean	44000
Draco	75000
Ernie	40000
Hannah	43000
Harry	50000
Hermione	55000
Justin	23000
Luna	45000
Neville	53000
Pansy	53000
Ron	40000
Susan	40000
Theodore	61000

15 rows selected. 0.01 seconds

```
SELECT firstName, emp_id, COUNT(salary) AS "average salary"
```

```
FROM Employee
```

```
WHERE emp_id>107
```

```
GROUP BY firstName, emp_id;
```

```
SELECT firstName, emp_id, COUNT(salary) AS "average salary" FROM Employee WHERE emp_id>107 GROUP BY firstName, emp_id
```

FIRSTNAME	EMP_ID	average salary
Pansy	109	1
Susan	111	1
Dean	112	1
Theodore	108	1
Ernie	113	1
Hannah	110	1
Justin	115	1
Cho	114	1

8 rows selected. 0.00 seconds

```

SELECT firstName,
COUNT(salary) AS "average salary"
FROM Employee
GROUP BY firstName
HAVING MIN(salary)>60000
ORDER BY firstName;

```

```

SELECT firstName, COUNT(salary) AS "average salary" FROM Employee GROUP BY firstName HAVING MIN(salary)>60000
ORDER BY firstName

```

FIRSTNAME	average salary
Blaise	1
Draco	1
Theodore	1

3 rows selected. 0.00 seconds

```

SELECT deptID, SUM(salary)
FROM employees
WHERE deptID > 0
GROUP BY ROLLUP (deptID);

```

```

SELECT deptID, SUM(salary) FROM employees WHERE deptID > 0 GROUP BY ROLLUP (deptID)

```

DEPTID	SUM(SALARY)
1	110000
2	170000
3	70000
-	350000

4 rows selected. 0.01 seconds

```

SELECT deptID, SUM(salary)
FROM employees
WHERE deptID > 0
GROUP BY CUBE (deptID);

```

```
SELECT deptID, SUM(salary) FROM employees WHERE deptID > 0 GROUP BY CUBE (deptID)
```

DEPTID	SUM(SALARY)
-	350000
1	110000
2	170000
3	70000

4 rows selected. 0.01 seconds

```
SELECT dept_id, emp_id, lastName, SUM(salary)
FROM employee123
WHERE dept_id > 60
GROUP BY GROUPING SETS
((emp_id, lastName),(dept_id, emp_id),
(dept_id, lastName));
```

```
SELECT dept_id, emp_id, lastName, SUM(salary) FROM employee123 WHERE dept_id > 60 GROUP BY GROUPING SETS ((emp_id, lastName),(dept_id, emp_id), (dept_id, lastName))
```

DEPT_ID	EMP_ID	LASTNAME	SUM(SALARY)
90	1002	-	90000
80	1004	-	60000
70	1009	-	45000
90	1001	-	50000
70	1006	-	56000
90	1011	-	50000
80	1010	-	60000
80	1003	-	40000
-	1010	Paloma	60000
-	1002	Swift	90000
-	1006	Cabello	56000
-	1003	Rodrigo	40000
-	1011	Knosles	50000
-	1009	Eliah	45000
-	1001	Styles	50000
-	1004	Carpenter	60000
90	-	Swift	90000
70	-	Cabello	56000
80	-	Rodrigo	40000
90	-	Knosles	50000
90	-	Styles	50000
80	-	Carpenter	60000
80	-	Paloma	60000
70	-	Eliah	45000

24 rows selected. 0.01 seconds

```
SELECT dept_id, emp_id, SUM(salary),
GROUPING(dept_id) AS "Dept sub total",
GROUPING(emp_id) AS "employee sub total"
FROM employee123
WHERE dept_id < 100
GROUP BY CUBE (dept_id, emp_id);
```

```
SELECT Dept_ID, emp_ID, emp_Last, emp_First, emp_Middle, emp_Email, emp_Phone, emp_Fax, emp_HireDate, emp_Salary, emp_JobID, emp_Manager, emp_DeptID FROM employees
```

DEPT_ID	EMP_ID	EMP_LAST	EMP_FIRST	EMP_MIDDLE	EMP_EMAIL	EMP_PHONE	EMP_FAX	EMP_HIREDATE	EMP_SALARY	EMP_JOBID	EMP_MANAGER	EMP_DEPTID
10	100	King	Steven		STEVEN.KING	515.123.4567		1981-09-08	24000	ADP		10
10	101	DeMott	Neena		NEENA.DEMOTT	515.123.4568		1981-09-08	21000	ADP	100	10
10	102	King	Lex </td <td></td> <td>LEX.KING</td> <td>515.123.4569</td> <td></td> <td>1981-09-08</td> <td>17000</td> <td>ADP</td> <td>101</td> <td>10</td>		LEX.KING	515.123.4569		1981-09-08	17000	ADP	101	10
10	103	King	Allen		ALLEN.KING	515.123.4570		1981-09-08	16000	ADP	102	10
10	104	King	Mark		MARK.KING	515.123.4571		1981-09-08	12000	ADP	103	10
10	105	King	Pat		PAT.KING	515.123.4572		1981-09-08	9000	ADP	104	10
10	106	King	Scott		SCOTT.KING	515.123.4573		1981-09-08	8000	ADP	105	10
10	107	King	Tyler		TYLER.KING	515.123.4574		1981-09-08	7000	ADP	106	10
10	108	King	Wendell		WENDELL.KING	515.123.4575		1981-09-08	6000	ADP	107	10
10	109	King	Yvonne		YVONNE.KING	515.123.4576		1981-09-08	5000	ADP	108	10
10	110	King	Zoe		ZOE.KING	515.123.4577		1981-09-08	3000	ADP	109	10
10	111	King	Shelley		SHELLEY.KING	515.123.4578		1981-09-08	2000	ADP	110	10
10	112	King	Walter		WALTER.KING	515.123.4579		1981-09-08	1000	ADP	111	10
20	200	Chen	Adam		ADAM.CHEN	515.123.4580		1981-09-08	3000	ADP		20
20	201	Chen	Adam		ADAM.CHEN	515.123.4581		1981-09-08	3000	ADP		20
20	202	Chen	Adam		ADAM.CHEN	515.123.4582		1981-09-08	3000	ADP		20
20	203	Chen	Adam		ADAM.CHEN	515.123.4583		1981-09-08	3000	ADP		20
20	204	Chen	Adam		ADAM.CHEN	515.123.4584		1981-09-08	3000	ADP		20
20	205	Chen	Adam		ADAM.CHEN	515.123.4585		1981-09-08	3000	ADP		20
20	206	Chen	Adam		ADAM.CHEN	515.123.4586		1981-09-08	3000	ADP		20
20	207	Chen	Adam		ADAM.CHEN	515.123.4587		1981-09-08	3000	ADP		20
20	208	Chen	Adam		ADAM.CHEN	515.123.4588		1981-09-08	3000	ADP		20
20	209	Chen	Adam		ADAM.CHEN	515.123.4589		1981-09-08	3000	ADP		20
20	210	Chen	Adam		ADAM.CHEN	515.123.4590		1981-09-08	3000	ADP		20
20	211	Chen	Adam		ADAM.CHEN	515.123.4591		1981-09-08	3000	ADP		20
20	212	Chen	Adam		ADAM.CHEN	515.123.4592		1981-09-08	3000	ADP		20
20	213	Chen	Adam		ADAM.CHEN	515.123.4593		1981-09-08	3000	ADP		20
20	214	Chen	Adam		ADAM.CHEN	515.123.4594		1981-09-08	3000	ADP		20
20	215	Chen	Adam		ADAM.CHEN	515.123.4595		1981-09-08	3000	ADP		20
20	216	Chen	Adam		ADAM.CHEN	515.123.4596		1981-09-08	3000	ADP		20
20	217	Chen	Adam		ADAM.CHEN	515.123.4597		1981-09-08	3000	ADP		20
20	218	Chen	Adam		ADAM.CHEN	515.123.4598		1981-09-08	3000	ADP		20
20	219	Chen	Adam		ADAM.CHEN	515.123.4599		1981-09-08	3000	ADP		20
20	220	Chen	Adam		ADAM.CHEN	515.123.4600		1981-09-08	3000	ADP		20
20	221	Chen	Adam		ADAM.CHEN	515.123.4601		1981-09-08	3000	ADP		20
20	222	Chen	Adam		ADAM.CHEN	515.123.4602		1981-09-08	3000	ADP		20
20	223	Chen	Adam		ADAM.CHEN	515.123.4603		1981-09-08	3000	ADP		20
20	224	Chen	Adam		ADAM.CHEN	515.123.4604		1981-09-08	3000	ADP		20
20	225	Chen	Adam		ADAM.CHEN	515.123.4605		1981-09-08	3000	ADP		20
20	226	Chen	Adam		ADAM.CHEN	515.123.4606		1981-09-08	3000	ADP		20
20	227	Chen	Adam		ADAM.CHEN	515.123.4607		1981-09-08	3000	ADP		20
20	228	Chen	Adam		ADAM.CHEN	515.123.4608		1981-09-08	3000	ADP		20
20	229	Chen	Adam		ADAM.CHEN	515.123.4609		1981-09-08	3000	ADP		20
20	230	Chen	Adam		ADAM.CHEN	515.123.4610		1981-09-08	3000	ADP		20
20	231	Chen	Adam		ADAM.CHEN	515.123.4611		1981-09-08	3000	ADP		20
20	232	Chen	Adam		ADAM.CHEN	515.123.4612		1981-09-08	3000	ADP		20
20	233	Chen	Adam		ADAM.CHEN	515.123.4613		1981-09-08	3000	ADP		20
20	234	Chen	Adam		ADAM.CHEN	515.123.4614		1981-09-08	3000	ADP		20
20	235	Chen	Adam		ADAM.CHEN	515.123.4615		1981-09-08	3000	ADP		20
20	236	Chen	Adam		ADAM.CHEN	515.123.4616		1981-09-08	3000	ADP		20
20	237	Chen	Adam		ADAM.CHEN	515.123.4617		1981-09-08	3000	ADP		20
20	238	Chen	Adam		ADAM.CHEN	515.123.4618		1981-09-08	3000	ADP		20
20	239	Chen	Adam		ADAM.CHEN	515.123.4619		1981-09-08	3000	ADP		20
20	240	Chen	Adam		ADAM.CHEN	515.123.4620		1981-09-08	3000	ADP		20
20	241	Chen	Adam		ADAM.CHEN	515.123.4621		1981-09-08	3000	ADP		20
20	242	Chen	Adam		ADAM.CHEN	515.123.4622		1981-09-08	3000	ADP		20
20	243	Chen	Adam		ADAM.CHEN	515.123.4623		1981-09-08	3000	ADP		20
20	244	Chen	Adam		ADAM.CHEN	515.123.4624		1981-09-08	3000	ADP		20
20	245	Chen	Adam		ADAM.CHEN	515.123.4625		1981-09-08	3000	ADP		20
20	246	Chen	Adam		ADAM.CHEN	515.123.4626		1981-09-08	3000	ADP		20
20	247	Chen	Adam		ADAM.CHEN	515.123.4627		1981-09-08	3000	ADP		20
20	248	Chen	Adam		ADAM.CHEN	515.123.4628		1981-09-08	3000	ADP		20
20	249	Chen	Adam		ADAM.CHEN	515.123.4629		1981-09-08	3000	ADP		20
20	250	Chen	Adam		ADAM.CHEN	515.123.4630		1981-09-08	3000	ADP		20
20	251	Chen	Adam		ADAM.CHEN	515.123.4631		1981-09-08	3000	ADP		20
20	252	Chen	Adam		ADAM.CHEN	515.123.4632		1981-09-08	3000	ADP		20
20	253	Chen	Adam		ADAM.CHEN	515.123.4633		1981-09-08	3000	ADP		20
20	254	Chen	Adam		ADAM.CHEN	515.123.4634		1981-09-08	3000	ADP		20
20	255	Chen	Adam		ADAM.CHEN	515.123.4635		1981-09-08	3000	ADP		20
20	256	Chen	Adam		ADAM.CHEN	515.123.4636		1981-09-08	3000	ADP		20
20	257	Chen	Adam		ADAM.CHEN	515.123.4637		1981-09-08	3000	ADP		20
20	258	Chen	Adam		ADAM.CHEN	515.123.4638		1981-09-08	3000	ADP		20
20	259	Chen	Adam		ADAM.CHEN	515.123.4639		1981-09-08	3000	ADP		20
20	260	Chen	Adam		ADAM.CHEN	515.123.4640		1981-09-08	3000	ADP		20
20	261	Chen	Adam		ADAM.CHEN	515.123.4641		1981-09-08	3000	ADP		20
20	262	Chen	Adam		ADAM.CHEN	515.123.4642		1981-09-08	3000	ADP		20
20	263	Chen	Adam		ADAM.CHEN	515.123.4643		1981-09-08	3000	ADP		20
20	264	Chen	Adam		ADAM.CHEN	515.123.4644		1981-09-08	3000	ADP		20
20	265	Chen	Adam		ADAM.CHEN	515.123.4645		1981-09-08	3000	ADP		20
20	266	Chen	Adam		ADAM.CHEN	515.123.4646		1981-09-08	3000	ADP		20
20	267	Chen	Adam		ADAM.CHEN	515.123.4647		1981-09-08	3000	ADP		20
20	268	Chen	Adam		ADAM.CHEN	515.123.4648		1981-09-08	3000	ADP		20
20	269	Chen	Adam		ADAM.CHEN	515.123.4649		1981-09-08	3000	ADP		20
20	270	Chen	Adam		ADAM.CHEN	515.123.4650		1981-09-08	3000	ADP		20
20	271	Chen	Adam		ADAM.CHEN	515.123.4651		1981-09-08	3000	ADP		20
20	272	Chen	Adam		ADAM.CHEN	515.123.4652		1981-09-08	3000	ADP		20
20	273	Chen	Adam		ADAM.CHEN	515.123.4653		1981-09-08	3000	ADP		20
20	274	Chen	Adam		ADAM.CHEN	515.123.4654		1981-09-08	3000	ADP		20
20	275	Chen	Adam		ADAM.CHEN	515.123.4655		1981-09-08	3000	ADP		20
20	276	Chen	Adam		ADAM.CHEN	515.123.4656		1981-09-08	3000	ADP		20
20	277	Chen	Adam		ADAM.CHEN	515.123.4657		1981-09-08	3000	ADP		20
20	278	Chen	Adam		ADAM.CHEN	515.123.4658		1981-09-08	3000	ADP		20
20	279	Chen	Adam		ADAM.CHEN	515.123.4659		1981-09-08	3000	ADP		20
20	280	Chen	Adam		ADAM.CHEN	515.123.4660		1981-09-08	3000	ADP		20
20	281	Chen	Adam		ADAM.CHEN	515.123.4661		1981-09-08	3000	ADP		20
20	282	Chen	Adam		ADAM.CHEN	515.123.4662		1981-09-08	3000	ADP		20
20	283	Chen	Adam		ADAM.CHEN	515.123.4663		1981-09-08	3000	ADP		20
20	284	Chen	Adam		ADAM.CHEN	515.123.4664		1981-09-08	3000	ADP		20
20	285	Chen	Adam		ADAM.CHEN	515.123.4665		1981-09-08	3000	ADP		20
20	286	Chen	Adam		ADAM.CHEN	515.123.4666		1981-09-08	3000	ADP		20
20	287	Chen	Adam		ADAM.CHEN	515.123.4667		1981-09-08	3000	ADP		20
20	288	Chen	Adam		ADAM.CHEN	515.123.4668		1981-09-08	3000	ADP		20
20	289	Chen	Adam		ADAM.CHEN	515.123.4669		1981-09-08	3000	ADP		20
20	290	Chen	Adam		ADAM.CHEN	515.123.4670		1981-09-08	3000	ADP		20
20	291	Chen	Adam		ADAM.CHEN	515.123.4671		1981-09-08	3000	ADP		20
20	292	Chen	Adam		ADAM.CHEN	515.123.4672		1981-09-08	3000	ADP		20
20	293	Chen	Adam		ADAM.CHEN	515.123.4673		1981-09-08	3000	ADP		20
20	294	Chen	Adam		ADAM.CHEN	515.123.4674		1981-09-08	3000	ADP		20
20	295	Chen	Adam		ADAM.CHEN	515.123.4675		1981-09-08	3000	ADP		20
20	296	Chen	Adam		ADAM.CHEN	515.123.4676		1981-09-08	3000	ADP		20
20	297	Chen	Adam		ADAM.CHEN	515.123.4677		1981-09-08	3000	ADP		20
20	298	Chen	Adam									

```
SELECT personName FROM person UNION ALL SELECT deptName FROM Department
```

PERSONNAME
Liam
Chris
Nick
Nicholas
Robert
Daniel
Rupert
Tom
sales
management
sales
management
HR
management

14 rows selected. 0.01 seconds

```
SELECT personName
FROM person
MINUS
SELECT deptName
FROM Department;
```

```
SELECT personName FROM person MINUS SELECT deptName FROM Department
```

PERSONNAME
Chris
Daniel
Liam
Nicholas
Nick
Robert
Rupert
Tom

8 rows selected. 0.01 seconds

```
SELECT totalAmount,orderID
FROM orders
UNION
SELECT TO_NUMBER(NULL),deptID
FROM Department;
```

```
SELECT totalAmount,orderID FROM orders UNION SELECT TO_NUMBER(NULL),deptID FROM Department
```

TOTALAMOUNT	ORDERID
100	4
150	2
200	5
250	1
300	3
-	101
-	102
-	103

8 rows selected. 0.00 seconds

```
SELECT totalAmount,orderID
FROM orders
UNION
SELECT TO_NUMBER(NULL),deptID
```

FROM Department

ORDER BY orderID;

```
SELECT totalAmount,orderID FROM orders UNION SELECT TO_NUMBER(NULL),deptID FROM Department ORDER BY orderID
```

TOTALAMOUNT	ORDERID
250	1
150	2
300	3
100	4
200	5
-	101
-	102
-	103

8 rows selected. 0.01 seconds

```
CREATE TABLE classes(personID numeric,  
                        personName varchar(30));
```

```
INSERT INTO classes VALUES(5,'Rahul');
```

```
COMMIT;
```

```
UPDATE classes SET personName='Abhijit' WHERE personID ='5';
```

```
SAVEPOINT A;
```

```
INSERT INTO classes VALUES(6,'Chris');
```

```
SAVEPOINT B;
```

```
INSERT INTO classes VALUES(7,'Bravo');
```

```
SAVEPOINT C;
```

```
SELECT * FROM classes;
```

```
CREATE TABLE classes(personID numeric, personName varchar(30))
```

Table created. 0.01 seconds

```
INSERT INTO classes VALUES(5, 'Rahul')
```

1 row(s) inserted. 0.01 seconds

```
COMMIT
```

Statement processed. 0.00 seconds

```
UPDATE classes SET personName='Abhijit' WHERE personID = '5'
```

1 row(s) updated. 0.00 seconds

```
INSERT INTO classes VALUES(6, 'Chris')
```

1 row(s) inserted. 0.01 seconds

```
INSERT INTO classes VALUES(7, 'Bravo')
```

1 row(s) inserted. 0.00 seconds

```
SELECT * FROM classes
```

```
SELECT * FROM classes
```

PERSONID	PERSONNAME
5	Abhijit
6	Chris
7	Bravo

3 rows selected. 0.01 seconds