

SAMARTH ZADBUKE

```
W2_SAMARTHZADBUKE_87083>CREATE TABLE IF NOT EXISTS SEMP (  
-> EMPNO CHAR(4) PRIMARY KEY,  
-> EMPNAME CHAR(20),  
-> BASIC FLOAT,  
-> DEPTNO CHAR(2),  
-> DEPTHED CHAR(4) DEFAULT '0'  
-> );
```

Query OK, 0 rows affected (0.02 sec)

```
W2_SAMARTHZADBUKE_87083>desc semp;
```

Field	Type	Null	Key	Default	Extra
EMPNO	char(4)	NO	PRI	NULL	
EMPNAME	char(20)	YES		NULL	
BASIC	float	YES		NULL	
DEPTNO	char(2)	YES		NULL	
DEPTHED	char(4)	YES		0	

5 rows in set (0.00 sec)

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>CREATE TABLE IF NOT EXISTS SDEPT (  
-> DEPTNO CHAR(2) PRIMARY KEY,  
-> DEPTNAME CHAR(15) NOT NULL  
-> );
```

Query OK, 0 rows affected (0.02 sec)

```
W2_SAMARTHZADBUKE_87083>)desc sdept;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the
e 1

```
W2_SAMARTHZADBUKE_87083>)desc sdept;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the
e 1

```
W2_SAMARTHZADBUKE_87083>desc sdpet;
```

ERROR 1146 (42S02): Table 'ass1.sdpet' doesn't exist

```
W2_SAMARTHZADBUKE_87083>desc sdept;
```

Field	Type	Null	Key	Default	Extra
DEPTNO	char(2)	NO	PRI	NULL	
DEPTNAME	char(15)	NO		NULL	

2 rows in set (0.00 sec)

```
W2_SAMARTHZADBUKE_87083>
```

```

W2_SAMARTHZADBUKE_87083>INSERT INTO SDEPT (DEPTNO, DEPTNAME) VALUES
->      (10, 'DEVELOPMENT'),
->      (20, 'TRAINING');
Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0

W2_SAMARTHZADBUKE_87083>selct * from sdept;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
at line 1
W2_SAMARTHZADBUKE_87083>select * from sdept;
+-----+-----+
| DEPTNO | DEPTNAME |
+-----+-----+
| 10     | DEVELOPMENT |
| 20     | TRAINING   |
+-----+-----+
2 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>

```

```

W2_SAMARTHZADBUKE_87083>INSERT INTO SEMP (EMPNO, EMPNAME, BASIC, DEPTNO) VALUES
->      (0001, 'SUNIL', 6000, 10),
->      (0002, 'HIREN', 8000, 20);
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

W2_SAMARTHZADBUKE_87083>select * from semp;
+-----+-----+-----+-----+-----+
| EMPNO | EMPNAME | BASIC | DEPTNO | DEPTHREAD |
+-----+-----+-----+-----+-----+
| 1     | SUNIL   | 6000  | 10     | 0         |
| 2     | HIREN   | 8000  | 20     | 0         |
| 3     | ALI     | 4000  | 10     | 1         |
| 4     | GEORGE  | 6000  | NULL   | 2         |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>

```

SAMARTH ZADBUKE

```
W2_SAMARTHZADBUKE_87083>DESC S;
```

Field	Type	Null	Key	Default	Extra
S#	char(5)	NO		NULL	
SNAME	char(20)	YES		NULL	
STATUS	smallint	YES		NULL	
CITY	char(15)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM S;
```

S#	SNAME	STATUS	CITY
S1	Smith	20	London
S2	Jones	10	Paris
S3	Blake	30	New York

```
3 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>DESC P;
```

Field	Type	Null	Key	Default	Extra
P#	char(5)	NO		NULL	
PNAME	char(20)	YES		NULL	
COLOR	char(6)	YES		NULL	
WEIGHT	smallint	YES		NULL	
CITY	char(15)	YES		NULL	

```
5 rows in set (0.03 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM P;
```

P#	PNAME	COLOR	WEIGHT	CITY
P1	Nut	Red	13	London
P2	Bolt	Green	17	Paris
P3	Screw	Blue	15	New York

```
3 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>DESC j;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| J#    | char(5) | NO   | PRI | NULL    |       |
| Jname | char(20) | YES  |     | NULL    |       |
| City  | char(15) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM j;
+-----+-----+-----+
| J# | Jname      | City      |
+-----+-----+-----+
| J1 | Project Alpha | London    |
| J2 | Project Beta  | Paris     |
| J3 | Project Gamma | New York  |
+-----+-----+-----+
3 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>DESC SP;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| S#    | char(5) | NO   |     | NULL    |       |
| P#    | char(5) | NO   |     | NULL    |       |
| J#    | char(5) | NO   |     | NULL    |       |
| QTY   | int     | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>INSERT INTO SP VALUES ('S1','J1','P1',200), ('S1','J2','P2',700), ('S1','J2','P3',400), ('S1','J2','P4',200), ('S1','J2','P5',200), ('S2','J3','P6',500), ('S2','J2','P1',600), ('S2','J4','P2',400), ('S3','J5','P3',800), ('S3','J2','P4',100), ('S3','J4','P5',200), ('S4','J4','P6',500), ('S4','J4','P1',300), ('S4','J4','P2',300), ('S5','J1','P3',100), ('S5','J1','P4',100), ('S5','J5','P5',500), ('S5','J2','P1',200), ('S5','J2','P2',100), ('S5','J1','P6',100), ('S5','J4','P4',400), ('S5','J4','P5',800), ('S5','J2','P3',200), ('S5','J5','P6',500);
Query OK, 24 rows affected (0.01 sec)
Records: 24 Duplicates: 0 Warnings: 0

W2_SAMARTHZADBUKE_87083>
W2_SAMARTHZADBUKE_87083>SELECT * FROM SP;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'SELECT * FROM SP' at line 1
W2_SAMARTHZADBUKE_87083>SELECT * FROM SP;
+-----+-----+-----+-----+
| S# | P# | J# | QTY |
+-----+-----+-----+-----+
| S1 | J1 | P1 | 200 |
| S1 | J2 | P2 | 700 |
| S1 | J2 | P3 | 400 |
| S1 | J2 | P4 | 200 |
| S1 | J2 | P5 | 200 |
| S2 | J3 | P6 | 500 |
| S2 | J2 | P1 | 600 |
| S2 | J4 | P2 | 400 |
| S3 | J5 | P3 | 800 |
| S3 | J2 | P4 | 100 |
| S3 | J4 | P5 | 200 |
| S4 | J4 | P6 | 500 |
| S4 | J4 | P1 | 300 |
| S4 | J4 | P2 | 300 |
| S5 | J1 | P3 | 100 |
| S5 | J1 | P4 | 100 |
| S5 | J5 | P5 | 500 |
| S5 | J2 | P1 | 200 |
| S5 | J2 | P2 | 100 |
| S5 | J1 | P6 | 100 |
| S5 | J4 | P4 | 400 |
| S5 | J4 | P5 | 800 |
| S5 | J2 | P3 | 200 |
| S5 | J5 | P6 | 500 |
+-----+-----+-----+-----+
24 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>SELECT `S#`,SNAME FROM S;
```

```
+-----+-----+  
| S# | SNAME |  
+-----+-----+  
| S1 | Smith |  
| S2 | Jones |  
| S3 | Blake |  
+-----+-----+
```

```
3 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>SELECT PNAME,COLOR FROM P;
```

```
+-----+-----+  
| PNAME | COLOR |  
+-----+-----+  
| Nut   | Red   |  
| Bolt  | Green |  
| Screw | Blue  |  
+-----+-----+
```

```
3 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM S WHERE CITY='LONDON';
```

```
+-----+-----+-----+-----+  
| S# | SNAME | STATUS | CITY |  
+-----+-----+-----+-----+  
| S1 | Smith | 20     | London |  
+-----+-----+-----+-----+
```

```
1 row in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM S WHERE CITY='PARIS' OR CITY='ATHENS';
```

```
+-----+-----+-----+-----+  
| S# | SNAME | STATUS | CITY |  
+-----+-----+-----+-----+  
| S2 | Jones | 10     | Paris |  
+-----+-----+-----+-----+
```

```
1 row in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM P WHERE CITY='ATHENS';
```

```
Empty set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT PNAME FROM P WHERE WEIGHT BETWEEN 12 AND 14;
```

```
+-----+
| PNAME |
+-----+
| Nut   |
+-----+
1 row in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM S WHERE STATUS>=20 ;
```

```
+---+-----+-----+-----+
| S# | SNAME | STATUS | CITY   |
+---+-----+-----+-----+
| S1 | Smith | 20     | London |
| S3 | Blake | 30     | New York |
+---+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT * FROM S WHERE CITY!='LONDON';
```

```
+---+-----+-----+-----+
| S# | SNAME | STATUS | CITY   |
+---+-----+-----+-----+
| S2 | Jones | 10     | Paris  |
| S3 | Blake | 30     | New York |
+---+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```

```
W2_SAMARTHZADBUKE_87083>SELECT CITY FROM S;
```

```
+-----+
| CITY   |
+-----+
| London |
| Paris  |
| New York |
+-----+
3 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>_
```

```
W2_SAMARTHZADBUKE_87083>SELECT `P#`,PNAME,COLOR,WEIGHT AS GRAMS,WEIGHT *1000 AS MILLIGRAMS,WEIGHT/1000 AS KILOGRAMS FROM P;
```

```
+---+-----+-----+-----+-----+-----+
| P# | PNAME | COLOR | GRAMS | MILLIGRAMS | KILOGRAMS |
+---+-----+-----+-----+-----+-----+
| P1 | Nut   | Red   | 13    | 13000      | 0.0130    |
| P2 | Bolt  | Green | 17    | 17000      | 0.0170    |
| P3 | Screw | Blue  | 15    | 15000      | 0.0150    |
+---+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
W2_SAMARTHZADBUKE_87083>
```