☑ Autocommit   Display   100000 ⌄   Save   Run

```
CREATE TABLE student4 (
    sno NUMBER(2),
    sname VARCHAR2(15),
    dob DATE,
    mobile_no NUMBER(2) UNIQUE,
    tno NUMBER(2),
    PRIMARY KEY (sno)
);

CREATE TABLE teacher4 (
    tno NUMBER(2),
    tname VARCHAR2(15),
    designation VARCHAR2(20),
    dept VARCHAR2(15) DEFAULT 'Computers'
);
```
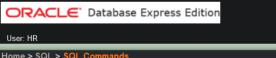
Results   Explain   Describe   Saved SQL   History

Table created.

0.02 seconds
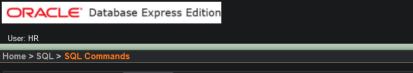
Home > SQL > SQL Commands

☑ Autocommit   Display 100000 ▾   Save   Run

```
ALTER TABLE student4
MODIFY sname VARCHAR2(30);
```

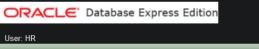**Results**   Explain   Describe   Saved SQL   History

Table altered.

0.03 seconds

☑ Autocommit   Display [100000 ▼]   Save   Run

```
ALTER TABLE teacher4
ADD CONSTRAINT pk_teacher4 PRIMARY KEY (tno);
```

Results   Explain   Describe   Saved SQL   History

Table altered.

0.01 seconds

☑ Autocommit   Display 100000 ▾   Save   Run

```
ALTER TABLE student4
ADD CONSTRAINT fk_student_tno
FOREIGN KEY (tno) REFERENCES teacher4(tno);
```

Results   Explain   Describe   Saved SQL   History

Table altered.

0.00 seconds

☑ Autocommit   Display 100000 ⌄   Save   Run

```
ALTER TABLE student4
ADD semester VARCHAR2(10);
```

Results   Explain   Describe   Saved SQL   History

Table altered.

0.00 seconds

Home > SQL > SQL Commands

☑ Autocommit   Display [100000 ▾]   Save   Run

```
ALTER TABLE teacher4
RENAME COLUMN dept TO subject;
```

Results   Explain   Describe   Saved SQL   History

Table altered.

0.00 seconds

☑ Autocommit   Display 100000 ▼   Save   Run

```
ALTER TABLE student4
MODIFY dob DATE NOT NULL;
```

Results Explain Describe Saved SQL History

Table altered.

0.02 seconds

Autocommit   Display 100000 ✓   Save   Run

```
ALTER TABLE student4
ADD marks NUMBER(3);
```

Results Explain Describe Saved SQL History

Table altered.

0.02 seconds

☑ Autocommit   Display [100000 ▼]   Save   Run

```
ALTER TABLE student4
DROP COLUMN semester;
```

Results   Explain   Describe   Saved SQL   History

Table altered.

0.14 seconds

☑ **Autocommit** Display `100000 ▽`   Save Run

```
INSERT INTO TEACHER4 (TNO, TNAME, DESIGNATION, SUBJECT)
VALUES (1, 'John','TEST', 12);
INSERT INTO TEACHER4 (TNO, TNAME, DESIGNATION, SUBJECT)
VALUES (2, 'SMITH','TEST2', 12);
INSERT INTO TEACHER4 (TNO, TNAME, DESIGNATION, SUBJECT)
VALUES (3, 'DORRY','TEST3', 12);
INSERT INTO TEACHER4 (TNO, TNAME, DESIGNATION, SUBJECT)
VALUES (4, 'MIKEL','TEST4', 12);
INSERT INTO TEACHER4 (TNO, TNAME, DESIGNATION, SUBJECT)
VALUES (5, 'CHRIS','TEST5', 12);

SELECT * FROM TEACHER4

SELECT * FROM student4

INSERT INTO student4 (SNO, SNAME, DOB, MOBILE NO, TNO, MARKS)
```

Results Explain Describe Saved SQL History

TNO	TNAME	DESIGNATION	SUBJECT
1	John	TEST	12
2	SMITH	TEST2	12
5	CHRIS	TEST5	12
3	DORRY	TEST3	12
4	MIKEL	TEST4	12

5 rows returned in 0.00 seconds   CSV Export

☑ **Autocommit** Display `100000 ▽`   Save Run

```
VALUES (5, 'CHRIS','TEST5', 12);

SELECT * FROM TEACHER4

SELECT * FROM student4

INSERT INTO student4 (SNO, SNAME, DOB, MOBILE_NO, TNO, MARKS)
VALUES (1, 'John Doe','30-nov-1998', 10, 1, 85);
INSERT INTO student4 (SNO, SNAME, DOB, MOBILE_NO, TNO, MARKS)
VALUES (2, 'John Doe','20-nov-2002', 11, 2, 60);
INSERT INTO student4 (SNO, SNAME, DOB, MOBILE_NO, TNO, MARKS)
VALUES (3, 'John Doe','17-dec-2000', 12, 3, 66);
INSERT INTO student4 (SNO, SNAME, DOB, MOBILE_NO, TNO, MARKS)
VALUES (4, 'John Doe','16-feb-1997', 13, 4, 88);
INSERT INTO student4 (SNO, SNAME, DOB, MOBILE_NO, TNO, MARKS)
VALUES (5, 'John Doe','30-nov-2001', 14, 5, 97);
```

Results Explain Describe Saved SQL History

SNO	SNAME	DOB	MOBILE_NO	TNO	MARKS
4	John Doe	16-FEB-97	13	4	88
5	John Doe	30-NOV-01	14	5	97
1	John Doe	30-NOV-98	10	1	85
2	John Doe	20-NOV-02	11	2	60
3	John Doe	17-DEC-00	12	3	66

5 rows returned in 0.01 seconds   CSV Export

☑ Autocommit   Display 100000 ▾   Save   Run

```sql
SELECT sname
FROM student4
WHERE dob > TO_DATE('2000-01-01', 'YYYY-MM-DD');
```

Results   Explain   Describe   Saved SQL   History

SNAME
John Doe
John Doe
John Doe

3 rows returned in 0.01 seconds   CSV Export

Autocommit   Display [100000 ▾]   Save   Run

```
SELECT tname
FROM teacher4
WHERE subject = 'physics';
```

Results   Explain   Describe   Saved SQL   History

no data found

☑ Autocommit   Display [100000 ▾]   Save   Run

```
SELECT *
FROM student4
ORDER BY MARKS ASC;
```

Results Explain Describe Saved SQL History

SNO	SNAME	DOB	MOBILE_NO	TNO	MARKS
2	John Doe	20-NOV-02	11	2	60
3	John Doe	17-DEC-00	12	3	66
1	John Doe	30-NOV-98	10	1	85
4	John Doe	16-FEB-97	13	4	88
5	John Doe	30-NOV-01	14	5	97

5 rows returned in 0.00 seconds   CSV Export

Autocommit   Display [100000 ▼]   Save   Run

```sql
SELECT *
FROM teacher4
WHERE DESIGNATION = 'professor' AND SUBJECT = 'math';
```

Results   Explain   Describe   Saved SQL   History

no data found

User: HR

☑ Autocommit   Display [100000 ▾]   Save   Run

```
SELECT AVG(MARKS) AS AVERAGE_MARKS
FROM student4;
```

Results   Explain   Describe   Saved SQL   History

AVERAGE_MARKS
79.2

1 rows returned in 0.00 seconds   CSV Export

Language: en-us