





```
Examples

INSERT INTO Department VALUES

('Computer Science','CSCI',30,'Peter',123456.9);

INSERT INTO Course VALUES

('CSCI235', 'Databases', 6, 'Computer Science');

INSERT INTO Department

(name, code, chair, budget, total_staff_number) VALUES

('Mathematics','MATH','James',NULL,10);

INSERT INTO Course

(c#,title,offered_by,credits) VALUES

('MATH345','Topology','Mathematics',6);
```

```
Keywords

INSERT INTO Department VALUES
('Computer Science', 'CSCI', 30, 'Peter', 123456.9 );

INSERT INTO Course VALUES
('CSCI235', 'Databases', 6, 'Computer Science');

INSERT INTO Department
(name, code, chair, budget, total_staff_number)
VALUES('Mathematics', 'MATH', 'James', NULL, 10);

INSERT INTO Course
(c#, title, offered_by, credits)
VALUES('MATH345', 'Topology, 'Mathematics', 6);

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```

```
Table names

INSERT INTO Department VALUES
('Computer Science', 'CSCI', 30, 'Peter', 123456.9 );

INSERT INTO Course VALUES
('CSCI235', 'Databases', 6, 'Computer Science');

INSERT INTO Department
(name, code, chair, budget, total_staff_number)
VALUES('Mathematics', 'MATH', 'James', NULL, 10);

INSERT INTO Course
(c#, title, offered_by, credits)
VALUES('MATH345', 'Topology, 'Mathematics', 6);

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```

```
ROWS

INSERT INTO Department VALUES
('Computer Science', 'CSCI', 30, 'Peter', 123456.9 );

INSERT INTO Course VALUES
('CSCI235', 'Databases', 6, 'Computer Science');

INSERT INTO Department
(name, code, chair, budget, total_staff_number)
VALUES('Mathematics', 'MATH', 'James', NULL, 10);

INSERT INTO Course
(c#, title, offered_by, credits)
VALUES('MATH345', 'Topology, 'Mathematics', 6);
```

```
Attribute names

INSERT INTO Department VALUES
('Computer Science', 'CSCI', 30, 'Peter', 123456.9 );

INSERT INTO Course VALUES
('CSCI235', 'Databases', 6, 'Computer Science');

INSERT INTO Department
(name, code, chair, budget, total_staff_number)
VALUES('Mathematics', 'MATH', 'James', NULL, 10);

INSERT INTO Course
(c#, title, offered_by, credits)
VALUES('MATH345', 'Topology, 'Mathematics', 6);

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```

BEWARE !!! INSERT INTO Course VALUES ('PHYS1234', 'Relativity Theory', 6, 'Physics'); ERROR at line 1: ORA-02291: integrity constraint (SCOTT.COURSE_FKEY1) violated - parent key not found AN ORDER IN WHICH THE ROWS ARE INSERTED IS IMPORTANT !!!

References

Elmasri R., Navathe S. B., Database Systems, chapter 4.4

Ramakrishnan R., Gehrke J., Database Management Systems, chapter 3.3

https://sai.uow.edu.au/oradocs/
SQL Reference, INSERT statement