

INSERT Syntax

INSERT book syntax:

```
INSERT INTO BOOK (book_ID, author_ID, publisher_ID, customer_rating, price,
condition, title, category, year)
VALUES ('142', 'Doug Stuns', 'Syb1', '5', '20.00', 'new', 'Database 101', 'Computer',
'2017');
```

*only customer_rating and condition may be NULL

INSERT publisher syntax:

```
INSERT INTO PUBLISHER (publisher_ID, book_ID, publisher_name)
VALUES ('Syb1', '142', 'Sybex');
```

INSERT author syntax:

```
INSERT INTO PUBLISHER (publisher_ID, book_ID, publisher_name)
VALUES ('Syb1', '142', 'Sybex');
```

INSERT customer syntax:

```
INSERT INTO CUSTOMER (customer_ID, fname, lname, street1, street2, city, country,
postal)
VALUES ('21', 'John', 'Doe', '143 Fake St', '1', 'Columbus', 'US', '43210');
```

Restrictions:

Both the publisher and the author of a book must be added into the database before the book.

DELETE Syntax

DELETE book syntax:

```
DELETE FROM BOOK
WHERE *;
(deletes all book entities from the database)
Or
DELETE FROM BOOK
WHERE author_ID = 'Nate Weiss';
(deletes all book entities with the given author from the database)
Or
DELETE FROM BOOK
WHERE author_ID = 'Nate Weiss' AND Year = 1999;
(deletes all book entities with the given author_ID and year from the database)
```

DELETE publisher syntax:

```
DELETE FROM PUBLISHER
WHERE *;
(deletes all publisher records from the database)
Or
DELETE FROM PUBLISHER
WHERE publisher_ID = 'Syb1';
(deletes all publisher records whose ID is "Syb1" from the database)
```

DELETE author syntax:

```
DELETE FROM AUTHOR
WHERE *;
(deletes all author records from the database)
Or
DELETE FROM AUTHOR
WHERE author_ID = 'Jordan Hart';
(deletes all author records whose ID is 'Jordan Hart' from the database)
```

DELETE customer syntax:

```
DELETE FROM CUSTOMER
```

```
WHERE *;
```

(deletes all customer records from the database)

Or

```
DELETE FROM CUSTOMER
```

```
WHERE customer_ID = '1';
```

(deletes all customer records whose ID is "1" from the database)

Or

```
DELETE FROM CUSTOMER
```

```
WHERE city = 'Cleveland' AND lname = 'Smith';
```

(deletes all customer records whose last name is "Smith" and lives in "Cleveland" from the database)

Restrictions:

Must delete all books from a publisher and author before deleting a publisher or author.