

**Table 5.2** Summary of SQL Syntax

CREATE TABLE <table name> ( <column name> <column type> [ <attribute constraint> ] { , <column name> <column type> [ <attribute constraint> ] } [ <table constraint> { , <table constraint> } ] )
DROP TABLE <table name>
ALTER TABLE <table name> ADD <column name> <column type>
SELECT [ DISTINCT ] <attribute list> FROM ( <table name> { <alias> }   <joined table> ) { , ( <table name> { <alias> }   <joined table> ) } [ WHERE <condition> ] [ GROUP BY <grouping attributes> [ HAVING <group selection condition> ] ] [ ORDER BY <column name> [ <order> ] { , <column name> [ <order> ] } ]
<attribute list> ::= ( *   ( <column name>   <function> ( ( [ DISTINCT ] <column name>   * ) ) ) { , ( <column name>   <function> ( ( [ DISTINCT ] <column name>   * ) ) ) } )
<grouping attributes> ::= <column name> { , <column name> }
<order> ::= ( ASC   DESC )
INSERT INTO <table name> [ ( <column name> { , <column name> } ) ] ( VALUES ( <constant value> , { <constant value> } ) { , ( <constant value> { , <constant value> } ) }   <select statement> )
DELETE FROM <table name> [ WHERE <selection condition> ]
UPDATE <table name> SET <column name> = <value expression> { , <column name> = <value expression> } [ WHERE <selection condition> ]
CREATE [ UNIQUE ] INDEX <index name> ON <table name> ( <column name> [ <order> ] { , <column name> [ <order> ] } ) [ CLUSTER ]
DROP INDEX <index name>
CREATE VIEW <view name> [ ( <column name> { , <column name> } ) ] AS <select statement>
DROP VIEW <view name>