```
mysql> CREATE USER 'webapp'@'localhost' IDENTIFIED BY 'webapp1551';
ERROR 1396 (HY000): Operation CREATE USER failed for 'webapp'@'localhost'
mysql> GRANT ALL PRIVILEGES ON bookstore.* TO 'webapp'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> /Applications/ampps/mysql/bin/mysql -u root -pmysql
    -> ;
    -> ;
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 '/Applications/ampps/mysql/bin/mysql -u root -pmysql' at line 1
mysql> SHOW databases;
+--------------------+
| Database           |
+--------------------+
| bookstore          |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)

mysql> USE bookstore
Database changed
mysql> DESCRIBE classics;
+--------+--------------+------+-----+---------+-------+
| Field  | Type         | Null | Key | Default | Extra |
+--------+--------------+------+-----+---------+-------+
| author | varchar(128) | YES  |     | NULL    |       |
| title  | varchar(128) | YES  |     | NULL    |       |
| type   | varchar(16)  | YES  |     | NULL    |       |
| year   | char(4)      | YES  |     | NULL    |       |
+--------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> _
```

C:\Windows\system32\cmd.exe - mysql -u root -pmysql

```
mysql> CREATE TABLE bookstore (
    ->     BookID INT AUTO_INCREMENT PRIMARY KEY,
    ->     Title VARCHAR(255),
    ->     Author VARCHAR(255),
    ->     Description TEXT,
    ->     ImagePath VARCHAR(255),
    ->     Price DECIMAL(10,2)
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> DESCRIBE classics;
+--------+--------------+------+-----+---------+-------+
| Field  | Type         | Null | Key | Default | Extra |
+--------+--------------+------+-----+---------+-------+
| author | varchar(128) | YES  |     | NULL    |       |
| title  | varchar(128) | YES  |     | NULL    |       |
| type   | varchar(16)  | YES  |     | NULL    |       |
| year   | char(4)      | YES  |     | NULL    |       |
+--------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> DESCRIBE classics bookstore;
Empty set (0.00 sec)

mysql> DESCRIBE bookstore;
+-------------+---------------+------+-----+---------+----------------+
| Field       | Type          | Null | Key | Default | Extra          |
+-------------+---------------+------+-----+---------+----------------+
| BookID      | int           | NO   | PRI | NULL    | auto_increment |
| Title       | varchar(255)  | YES  |     | NULL    |                |
| Author      | varchar(255)  | YES  |     | NULL    |                |
| Description | text          | YES  |     | NULL    |                |
| ImagePath   | varchar(255)  | YES  |     | NULL    |                |
| Price       | decimal(10,2) | YES  |     | NULL    |                |
+-------------+---------------+------+-----+---------+----------------+
6 rows in set (0.00 sec)

mysql>
```

```
Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> USE bookstore;
ERROR 1049 (42000): Unknown database 'bookstore'
mysql> CREATE DATABASE bookstore;
Query OK, 1 row affected (0.00 sec)

mysql> USE bookstore;
Database changed
mysql> CREATE TABLE classics (
    -> author VARCHAR(128),
    -> title VARCHAR(128),
    -> type VARCHAR(16),
    -> year CHAR(4)) ENGINE InnoDB;
Query OK, 0 rows affected (0.03 sec)

mysql> DESCRIBE classics;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| author | varchar(128)| YES  |     | NULL    |       |
| title  | varchar(128)| YES  |     | NULL    |       |
| type   | varchar(16) | YES  |     | NULL    |       |
| year   | char(4)     | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> _
```

```
6 rows in set (0.00 sec)

mysql> CREATE TABLE customers (
    ->     CustomerID INT AUTO_INCREMENT PRIMARY KEY,
    ->     FirstName VARCHAR(255),
    ->     LastName VARCHAR(255),
    ->     Address VARCHAR(255),
    ->     City VARCHAR(255),
    ->     State VARCHAR(255),
    ->     Zip VARCHAR(10),
    ->     PhoneNumber VARCHAR(15),
    ->     Email VARCHAR(255)
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql> DESCRIBE TABLE customers;
+----+-------------+-----------+------------+------+---------------+------+---------+------+------+----------+-------+
| id | select_type | table     | partitions | type | possible_keys | key  | key_len | ref  | rows | filtered | Extra |
+----+-------------+-----------+------------+------+---------------+------+---------+------+------+----------+-------+
|  1 | SIMPLE      | customers | NULL       | ALL  | NULL          | NULL | NULL    | NULL |    1 |   100.00 | NULL  |
+----+-------------+-----------+------------+------+---------------+------+---------+------+------+----------+-------+
1 row in set, 1 warning (0.00 sec)

mysql>
```

```
    ->     Orderdate INT,);
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 ')' at line 5
mysql> CREATE TABLE purchases (
    ->     PurchaseID INT AUTO_INCREMENT PRIMARY KEY,
    ->     BookID INT,
    ->     CustomerID INT,
    ->     Orderdate INT
    -> );
ERROR 1050 (42S01): Table 'purchases' already exists
mysql> CREATE TABLE purchase(
    ->     PurchaseID INT AUTO_INCREMENT PRIMARY KEY,
    ->     BookID INT,
    ->     CustomerID INT,
    ->     Orderdate INT
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> DESCRIBE purchase;
+------------+------+------+-----+---------+----------------+
| Field      | Type | Null | Key | Default | Extra          |
+------------+------+------+-----+---------+----------------+
| PurchaseID | int  | NO   | PRI | NULL    | auto_increment |
| BookID     | int  | YES  |     | NULL    |                |
| CustomerID | int  | YES  |     | NULL    |                |
| Orderdate  | int  | YES  |     | NULL    |                |
+------------+------+------+-----+---------+----------------+
4 rows in set (0.00 sec)

mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID, OrderDate)
    ->     VALUES('1','1','2','3/3/2022 1:15:00 PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID, OrderDate)
    ->     VALUES('2','3','2','3/3/2022 1:24:00 PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID,OrderDate)
    ->     VALUES('1','1','2','3/3/2022 1:15:00 PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID,OrderDate)
    ->     VALUES('2','3','2','3/3/2022 1:24:00 PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID,OrderDate)
    ->     VALUES('1','1','2','3/3/20221:15:00 PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID,OrderDate)
    ->     VALUES('2','3','2','3/3/20221:24:00PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID,OrderDate)
    ->     VALUES('1','1','2','3/3/20221:15:00PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql> INSERT INTO purchase(PurchaseID, BookID, CustomerID,OrderDate)
    ->     VALUES('2','3','2','3/3/20221:24:00PM');
ERROR 1265 (01000): Data truncated for column 'Orderdate' at row 1
mysql>
```

```
mysql> CREATE TABLE review(
    ->     ReviewID INT AUTO_INCREMENT PRIMARY KEY,
    ->     BookID INT,
    ->     CustomerID INT,
    ->     Rating INT,
    ->     Review INT,
    ->     FOREIGN KEY (BookID) REFERENCES books(BookID),
    ->     FOREIGN KEY (CustomerID) REFERENCES customers(CustomerID)
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql> DESCRIBE review;
+------------+------+------+-----+---------+----------------+
| Field      | Type | Null | Key | Default | Extra          |
+------------+------+------+-----+---------+----------------+
| ReviewID   | int  | NO   | PRI | NULL    | auto_increment |
| BookID     | int  | YES  | MUL | NULL    |                |
| CustomerID | int  | YES  | MUL | NULL    |                |
| Rating     | int  | YES  |     | NULL    |                |
| Review     | int  | YES  |     | NULL    |                |
+------------+------+------+-----+---------+----------------+
5 rows in set (0.00 sec)

mysql>
```

```
mysql> CREATE TABLE review(
    ->     ReviewID INT AUTO_INCREMENT PRIMARY KEY,
    ->     BookID INT,
    ->     CustomerID INT,
    ->     Rating INT,
    ->     Review INT,
    ->     FOREIGN KEY (BookID) REFERENCES books(BookID),
    ->     FOREIGN KEY (CustomerID) REFERENCES customers(CustomerID)
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql> DESCRIBE review;
+------------+------+------+-----+---------+----------------+
| Field      | Type | Null | Key | Default | Extra          |
+------------+------+------+-----+---------+----------------+
| ReviewID   | int  | NO   | PRI | NULL    | auto_increment |
| BookID     | int  | YES  | MUL | NULL    |                |
| CustomerID | int  | YES  | MUL | NULL    |                |
| Rating     | int  | YES  |     | NULL    |                |
| Review     | int  | YES  |     | NULL    |                |
+------------+------+------+-----+---------+----------------+
5 rows in set (0.00 sec)

mysql> INSERT INTO purchase(ReviewID, BookID, CustomerID,Rating,Review)
    ->   VALUES('1','4','0','1','Boring. Way too many words.');
ERROR 1054 (42S22): Unknown column 'ReviewID' in 'field list'
mysql>
mysql> INSERT INTO purchase(ReviewID, BookID, CustomerID,Rating,Review)
    ->   VALUES('2','1','2','5','This is just what I needed. This subject is constantly changing in small ways. As recent a copyright date as possible is always needed. Well worth the money.');
ERROR 1054 (42S22): Unknown column 'ReviewID' in 'field list'
mysql>
mysql> INSERT INTO purchase(Review, BookID, CustomerID,Rating,Review)
    ->   VALUES('1','4','0','1','Boring. Way too many words.');
ERROR 1054 (42S22): Unknown column 'Review' in 'field list'
mysql>
mysql> INSERT INTO purchase(Review, BookID, CustomerID,Rating,Review)
    ->   VALUES('2','1','2','5','This is just what I needed. This subject is constantly changing in small ways. As recent a copyright date as possible is always needed. Well worth the money.');
ERROR 1054 (42S22): Unknown column 'Review' in 'field list'
mysql>
mysql>
```