

...cont'd

- 1 Launch a plain text editor and create an SQL command describing the table requirements shown opposite  
**CREATE TABLE IF NOT EXISTS forum (**  
**post\_id INT UNSIGNED NOT NULL AUTO\_INCREMENT ,**  
**first\_name VARCHAR(20) NOT NULL ,**  
**last\_name VARCHAR(40) NOT NULL ,**  
**subject VARCHAR(60) NOT NULL ,**  
**message TEXT NOT NULL ,**  
**post\_date DATETIME NOT NULL ,**  
**PRIMARY KEY ( post\_id ) ) ;**
- 2 Save the file as **create\_forum.sql** then launch the MySQL Command Line Client and log in as a user with full access privileges, such as the root user
- 3 Next, issue a command to use the established database  
**USE site\_db ;**
- 4 Now, implement the SQL command by stating the source path to the SQL file on your system, such as  
**SOURCE C:\Users\Mike\Desktop\create\_forum.sql**
- 5 Finally, issue a command to confirm the table format  
**EXPLAIN forum ;**



create\_forum.sql

```
MySQL 5.6 Command Line Client
mysql> USE site_db ;
Database changed
mysql> SOURCE C:\Users\Mike\Desktop\create_forum.sql
Query OK, 1 row affected, 1 warning (0.00 sec)

Database changed
Query OK, 0 rows affected (0.55 sec)

mysql> EXPLAIN forum ;
+-----+-----+-----+-----+-----+-----+
| Field      | Type                | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| post_id    | int(10) unsigned    | NO   | PRI | NULL    | auto_increment |
| first_name | varchar(20)         | NO   |     | NULL    |                |
| last_name  | varchar(40)         | NO   |     | NULL    |                |
| subject    | varchar(60)         | NO   |     | NULL    |                |
| message    | text                | NO   |     | NULL    |                |
| post_date  | datetime            | NO   |     | NULL    |                |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.02 sec)

mysql> _
< >
```

Hot tip



The MySQL **TEXT** data type accommodates up to 65,535 characters. Larger messages can be accommodated with **MEDIUMTEXT** and **LONGTEXT** data types.