```
mysql> CREATE DATABASE Project_quizapp_db;
Query OK, 1 row affected (0.00 sec)

mysql> USE Project_quizapp_db;
Database changed
mysql> CREATE TABLE quizzes (
    -> quiz_id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
    -> title VARCHAR(255),
    -> creator_id INT,
    -> created_at TIMESTAMP
    -> );
Query OK, 0 rows affected (0.01 sec)

mysql> DESC quizzes;
+------------+--------------+------+-----+---------+----------------+
| Field      | Type         | Null | Key | Default | Extra          |
+------------+--------------+------+-----+---------+----------------+
| quiz_id    | int          | NO   | PRI | NULL    | auto_increment |
| title      | varchar(255) | YES  |     | NULL    |                |
| creator_id | int          | YES  |     | NULL    |                |
| created_at | timestamp    | YES  |     | NULL    |                |
+------------+--------------+------+-----+---------+----------------+
4 rows in set (0.00 sec)

mysql> CREATE TABLE users (
    -> user_id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
    -> name VARCHAR(150),
    -> email VARCHAR(150),
    -> password_hash VARCHAR(255),
    -> role ENUM('User','Admin') DEFAULT 'User',
    -> created_at TIMESTAMP
    -> );
Query OK, 0 rows affected (0.01 sec)

mysql> DESC users;
+---------------+--------------+------+-----+---------+----------------+
| Field         | Type         | Null | Key | Default | Extra          |
+---------------+--------------+------+-----+---------+----------------+
| user_id       | int          | NO   | PRI | NULL    | auto_increment |
| name          | varchar(150) | YES  |     | NULL    |                |
| email         | varchar(150) | YES  |     | NULL    |                |
```

```
mysql> DESC users;
+---------------+---------------------+------+-----+---------+----------------+
| Field         | Type                | Null | Key | Default | Extra          |
+---------------+---------------------+------+-----+---------+----------------+
| user_id       | int                 | NO   | PRI | NULL    | auto_increment |
| name          | varchar(150)        | YES  |     | NULL    |                |
| email         | varchar(150)        | YES  |     | NULL    |                |
| password_hash | varchar(255)        | YES  |     | NULL    |                |
| role          | enum('User','Admin')| YES  |     | User    |                |
| created_at    | timestamp           | YES  |     | NULL    |                |
+---------------+---------------------+------+-----+---------+----------------+
6 rows in set (0.00 sec)

mysql> CREATE TABLE quiz_attempts (
    ->  attempt_id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
    ->  quiz_id INT, FOREIGN KEY(quiz_id) REFERENCES quizzes(quiz_id),
    ->  user_id INT, FOREIGN KEY(user_id) REFERENCES users(user_id),
    ->  final_score INT,
    ->  total_questions INT,
    ->  created_at TIMESTAMP
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> DESC quiz_attempts;
+-----------------+-----------+------+-----+---------+----------------+
| Field           | Type      | Null | Key | Default | Extra          |
+-----------------+-----------+------+-----+---------+----------------+
| attempt_id      | int       | NO   | PRI | NULL    | auto_increment |
| quiz_id         | int       | YES  | MUL | NULL    |                |
| user_id         | int       | YES  | MUL | NULL    |                |
| final_score     | int       | YES  |     | NULL    |                |
| total_questions | int       | YES  |     | NULL    |                |
| created_at      | timestamp | YES  |     | NULL    |                |
+-----------------+-----------+------+-----+---------+----------------+
6 rows in set (0.00 sec)

mysql> CREATE TABLE questions (
    ->  question_id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
    ->  quiz_id INT, FOREIGN KEY(quiz_id) REFERENCES quizzes(quiz_id),
    ->  question_text TEXT,
```

```
mysql> CREATE TABLE questions (
    -> question_id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
    -> quiz_id INT, FOREIGN KEY(quiz_id) REFERENCES quizzes(quiz_id),
    -> question_text TEXT,
    -> option_a VARCHAR(500),
    -> option_b VARCHAR(500),
    -> option_c VARCHAR(500),
    -> option_d VARCHAR(500),
    -> correct_option CHAR(1),
    -> created_at TIMESTAMP
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql> DESC questions;
+----------------+--------------+------+-----+---------+----------------+
| Field          | Type         | Null | Key | Default | Extra          |
+----------------+--------------+------+-----+---------+----------------+
| question_id    | int          | NO   | PRI | NULL    | auto_increment |
| quiz_id        | int          | YES  | MUL | NULL    |                |
| question_text  | text         | YES  |     | NULL    |                |
| option_a       | varchar(500) | YES  |     | NULL    |                |
| option_b       | varchar(500) | YES  |     | NULL    |                |
| option_c       | varchar(500) | YES  |     | NULL    |                |
| option_d       | varchar(500) | YES  |     | NULL    |                |
| correct_option | char(1)      | YES  |     | NULL    |                |
| created_at     | timestamp    | YES  |     | NULL    |                |
+----------------+--------------+------+-----+---------+----------------+
9 rows in set (0.00 sec)

mysql> SHOW TABLES;
+--------------------------+
| Tables_in_project_quizapp_db |
+--------------------------+
| questions                |
| quiz_attempts            |
| quizzes                  |
| users                    |
+--------------------------+
4 rows in set (0.01 sec)
```