

```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 9.4.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> CREATE DATABASE habittracker_app;
Query OK, 1 row affected (0.255 sec)
```

```
mysql> USE habittracker_app;
Database changed
mysql> CREATE TABLE users (
->     user_id INT AUTO_INCREMENT PRIMARY KEY,
->     name VARCHAR(100) NOT NULL,
->     email VARCHAR(255),
->     password VARCHAR(255),
->     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
-> );
Query OK, 0 rows affected (0.498 sec)
```

```
mysql> CREATE TABLE habits (  
->     habit_id INT AUTO_INCREMENT PRIMARY KEY,  
->     user_id INT NOT NULL,  
->     habit_name VARCHAR(255) NOT NULL,  
->     description TEXT,  
->     FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE CASCADE  
-> );  
Query OK, 0 rows affected (0.760 sec)
```

```
mysql> CREATE TABLE habit_logs (  
->     log_id INT AUTO_INCREMENT PRIMARY KEY,  
->     habit_id INT NOT NULL,  
->     log_date DATE,  
->     status VARCHAR(50),  
->     FOREIGN KEY (habit_id) REFERENCES habits(habit_id) ON DELETE CASCADE  
-> );  
Query OK, 0 rows affected (0.841 sec)
```

```
mysql> CREATE TABLE streaks (  
->     streak_id INT AUTO_INCREMENT PRIMARY KEY,  
->     user_id INT NOT NULL,  
->     habit_id INT NOT NULL,  
->     streak_count INT DEFAULT 0,  
->     last_updated DATE,  
->     FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE CASCADE,  
->     FOREIGN KEY (habit_id) REFERENCES habits(habit_id) ON DELETE CASCADE  
-> );  
Query OK, 0 rows affected (0.830 sec)
```

```
mysql> CREATE TABLE rewards (  
->     reward_id INT AUTO_INCREMENT PRIMARY KEY,  
->     user_id INT NOT NULL,  
->     reward_type VARCHAR(50),  
->     reward_desc VARCHAR(255),  
->     FOREIGN KEY (user_id) REFERENCES users(user_id) ON DELETE CASCADE  
-> );  
Query OK, 0 rows affected (0.982 sec)
```

```
mysql> CREATE TABLE ai_insights (  
->     insight_id INT AUTO_INCREMENT PRIMARY KEY,  
->     habit_id INT NOT NULL,  
->     insight_text TEXT,  
->     FOREIGN KEY (habit_id) REFERENCES habits(habit_id) ON DELETE CASCADE  
-> );  
Query OK, 0 rows affected (0.684 sec)
```

```
HabitTrackerBackend.java:287: error: reached end of file while parsing
}
^
```

```
1 error
```

```
D:\Programs\java\APP>javac -cp .;mysql-connector-j-9.4.0.jar HabitTrackerBackend.java
```

```
D:\Programs\java\APP>java -cp .;mysql-connector-j-9.4.0.jar HabitTrackerBackend
```

```
--- Habit Streak Tracker ---
```

1. Add User
2. View Users
3. Add Habit
4. View Habits
5. Complete Habit
6. Use Joker Day
7. AI Suggestions
8. Mood Tracking
9. Progress Board
10. Leaderboard
11. Delete User
12. Exit

```
Choose: |
```

```
mysql> SHOW DATABASES;
```

Database
habit_streak_tracker
habit_tracker
habittracker_app
habittrackerdb
information_schema
mysql
performance_schema
sys

8 rows in set (0.173 sec)

```
mysql> SHOW TABLES;
```

Tables_in_habittracker_app
ai_insights
habit_logs
habits
rewards
streaks
users

6 rows in set (0.032 sec)

```
mysql> DESCRIBE users;
```

Field	Type	Null	Key	Default	Extra
user_id	int	NO	PRI	NULL	auto_increment
name	varchar(100)	NO		NULL	
email	varchar(255)	YES		NULL	
password	varchar(255)	YES		NULL	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

5 rows in set (0.258 sec)

Query OK, 0 rows affected (0.684 sec)

mysql> SHOW DATABASES;

Database
habit_streak_tracker
habit_tracker
habittracker_app
habittrackerdb
information_schema
mysql
performance_schema
sys

8 rows in set (0.173 sec)

mysql> SHOW TABLES;

Tables_in_habittracker_app
ai_insights
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name	varchar(100)	NO		NULL	
email	varchar(255)	YES		NULL	
password	varchar(255)	YES		NULL	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

5 rows in set (0.258 sec)

mysql> |