

Added 2 earned points for every student on Assignment 1:

databaseproject

AdministrationSchemas

coursegradesgrades

Limit to 1000 rows

SCHEMAS

Filter objects

databaseproject

Tables

assignment

course

department

distribution

enrollment

grades

student

Views

Stored Procedures

Functions

GradeBook

sys

Object Info

Session

Table: grades

Columns:

student\_idint PK

assignment\_idint PK

earned\_pointsint

1

-- Add 2 points to the score of each student on an assignment;

2

UPDATE databaseproject.grades

3

SET earned\_points = earned\_points + 2

4

WHERE assignment\_id = 1

100%

24:4

Result Grid

Filter Rows: Search

Edit: Export/Import:

student\_idassignment\_idearned\_points

1120100

212020

312020

412020

512020

612020

712020

812020

912020

1012020

1112020

grades 1

Apply

Revert

Action Output

TimeActionResponseDuration / Fetch Time

3200:34:45SELECT \* FROM databaseproject.student LIMIT 0, 100013 row(s) returned0.0032 sec / 0.00003...

3300:34:49SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.00097 sec / 0.0000...

3400:39:02UPDATE databaseproject.grades SET earned\_points = earned\_points + 2 WHERE assignment\_id = 112 row(s) affected Rows matched: 12 Changed: 12 W...0.033 sec

3500:39:08SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.0028 sec / 0.00038...

3600:39:26SELECT \* FROM databaseproject.student LIMIT 0, 100013 row(s) returned0.00099 sec / 0.000...

3700:39:32SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.00096 sec / 0.0000...

Query Completed

databaseproject

AdministrationSchemas

coursegradesstudentgrades

Limit to 1000 rows

SCHEMAS

Filter objects

databaseproject

Tables

assignment

course

department

distribution

enrollment

grades

student

Views

Stored Procedures

Functions

GradeBook

sys

Object Info

Session

Table: student

Columns:

student\_idint PK

f\_namevarchar(255)

l\_namevarchar(255)

majorvarchar(100)

1

-- Add 2 points to the score of each student on an assignment;

2

UPDATE databaseproject.grades

3

SET earned\_points = earned\_points + 2

4

WHERE assignment\_id = 1;

100%

25:4

Result Grid

Filter Rows: Search

Edit: Export/Import:

student\_idassignment\_idearned\_points

1198

2118

3118

4118

5118

6118

7118

8118

9118

10118

11118

grades 1

Apply

Revert

Action Output

TimeActionResponseDuration / Fetch Time

2800:27:11SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.00062 sec / 0.0000...

2900:28:03SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.0020 sec / 0.00008...

3000:28:19UPDATE databaseproject.grades SET earned\_points = earned\_points + 2 WHERE assignment\_id = 112 row(s) affected Rows matched: 12 Changed: 12 W...0.0044 sec

3100:28:22SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.0016 sec / 0.00013...

3200:34:45SELECT \* FROM databaseproject.student LIMIT 0, 100013 row(s) returned0.0032 sec / 0.00003...

3300:34:49SELECT \* FROM databaseproject.grades LIMIT 0, 1000312 row(s) returned0.00097 sec / 0.0000...

Query Completed

## Added 5 earned points for every student on Assignment 3:

The screenshot shows a database management interface with the following components:

- Navigation Panel (Left):** A tree view under 'databaseproject' showing 'Tables' (assignment, course, department, distribution, enrollment, grades, student) and 'Views' (Stored Procedures, Functions, GradeBook, sys).
- Object Info (Bottom Left):** Details for the 'grades' table, listing columns: 'student\_id' (int PK), 'assignment\_id' (int PK), and 'earned\_points' (int).
- SQL Editor (Top Right):** Contains a query to add 5 points to Assignment 3:

```
1 -- Add 2 points to the score of each student on an assignment;  
2 UPDATE databaseproject.grades  
3 SET earned_points = earned_points + 5  
4 WHERE assignment_id = 3
```
- Result Grid (Middle Right):** Displays the results of the query as a table with columns 'student\_id', 'assignment\_id', and 'earned\_points'. It shows 11 rows of data where the 'earned\_points' for 'assignment\_id' 3 have been updated from 50 to 55.
- Action Output (Bottom Right):** A log of database actions showing the execution of the update query, with a response indicating 12 rows affected.

The screenshot shows the same database management interface, but with a different query and a failed execution:

- SQL Editor (Top Right):** Contains a query to add 5 points to Assignment 4:

```
1 -- Add 2 points to the score of each student on an assignment;  
2 UPDATE databaseproject.grades  
3 SET earned_points = earned_points + 5  
4 WHERE assignment_id = 3
```
- Result Grid (Middle Right):** Displays the results of the query as a table with columns 'student\_id', 'assignment\_id', and 'earned\_points'. It shows 11 rows of data where the 'earned\_points' for 'assignment\_id' 3 have been updated from 55 to 60.
- Action Output (Bottom Right):** A log of database actions showing the execution of the update query, with a response indicating 12 rows affected.