

SQL Part:

1)

The screenshot shows a database management tool interface. At the top, there's a toolbar with options like 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content'. Below this, a list of categories is visible: 'title', 'Robotics', 'Image Processing', and 'Database System Concepts'. The 'Robotics' category is selected. On the right side, there's a vertical toolbar with icons for 'Result Grid', 'Form Editor', 'Field Types', and 'Query Stats'. The main area displays a tab labeled 'course 3'. Below the tab, there's an 'Output' section with a dropdown menu set to 'Action Output'. The output is a table with columns: '#', 'Time', 'Action', 'Message', and 'Duration / Fetch'. The table contains six rows of log entries, with the last row (161) highlighted in blue.

#	Time	Action	Message	Duration / Fetch
✓ 156	09:11:59	insert into prereq values ('CS-319', 'CS-101')	1 row(s) affected	0.000 sec
✓ 157	09:11:59	insert into prereq values ('CS-347', 'CS-101')	1 row(s) affected	0.000 sec
✓ 158	09:11:59	insert into prereq values ('EE-181', 'PHY-101')	1 row(s) affected	0.000 sec
✓ 159	09:16:05	SELECT title FROM course WHERE dept_name = 'Comp. Sci.' AND cred...	3 row(s) returned	0.000 sec / 0.000 sec
✓ 160	09:16:48	SELECT title FROM course WHERE dept_name = 'Computer Science' A...	0 row(s) returned	0.000 sec / 0.000 sec
✓ 161	09:17:30	SELECT title FROM course WHERE dept_name = 'Comp. Sci.' AND cred...	3 row(s) returned	0.000 sec / 0.000 sec

2)

DDLsmallRelationsInsertFileSQL File 3

Limit to 1000 rows

1 • SELECT t.course_id, c.title
2 FROM takes AS t
3 JOIN course AS c ON c.course_id = t.course_id
4 WHERE t.ID = '76543';
5

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

course_id	title
CS-101	Intro. to Computer Science
CS-319	Image Processing

Form Editor
Field Types
Query Stats

Result 4

Read OnlyContext HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 157	09:11:59	insert into prereq values ('CS-347', 'CS-101')	1 row(s) affected	0.000 sec
✓ 158	09:11:59	insert into prereq values ('EE-181', 'PHY-101')	1 row(s) affected	0.000 sec
✓ 159	09:16:05	SELECT title FROM course WHERE dept_name = 'Comp. Sci.' AND cred...	3 row(s) returned	0.000 sec / 0.000 sec
✓ 160	09:16:48	SELECT title FROM course WHERE dept_name = 'Computer Science' A...	0 row(s) returned	0.000 sec / 0.000 sec
✓ 161	09:17:30	SELECT title FROM course WHERE dept_name = 'Comp. Sci.' AND cred...	3 row(s) returned	0.000 sec / 0.000 sec
✓ 162	09:18:43	SELECT t.course_id, c.title FROM takes AS t JOIN course AS c ON c.co...	2 row(s) returned	0.000 sec / 0.000 sec

Lower 33.3% thread: 0.793341

3)

