**Task**

Below mentioned are the tables in a university database. Find out name of the professor who teaches Linear Algebra to David Lee.

Table student:

|  |  |  |  |
| --- | --- | --- | --- |
| St\_id | St\_Name | Department | Course\_id |
| 1001 | John Smith | Computer Science | CS101 |
| 1002 | Emily Brown | History | HIS102 |
| 1003 | David Lee | Mathematics | MAT202 |
| 1004 | Sarah Johnson | English | ENG201 |
| 1005 | Michael Chen | Biology | BIO103 |

Table course:

|  |  |  |  |
| --- | --- | --- | --- |
| Course\_id | Course\_Name | Credits | Prof\_id |
| CS101 | Introduction to Computer Science | 3 | 2001 |
| HIS102 | World History II | 3 | 2004 |
| MAT202 | Linear Algebra | 2 | 2002 |
| ENG201 | Advanced Writing | 4 | 2003 |
| BIO103 | Principles of Biology | 4 | 2005 |

Table professor:

|  |  |  |  |
| --- | --- | --- | --- |
| Prof\_id | Professor\_Name | Department | Mail\_id |
| 2001 | Michael Lee | Computer Science | michael.lee@example.com |
| 2002 | Karen Kim | Mathematics | karen.kim@example.com |
| 2003 | Sarah Johnson | English | sarah.johnson@example.com |
| 2004 | David Lee | History | david.lee@example.com |
| 2005 | Rachel Lee | Biology | rachel.lee@example.com |

Question:

Write a query which does the following

* Join the tables 'student' and 'course'
* Uses 'Course\_id' to match both the tables and output the joined table

Solution: select \* from student join course on student. Course\_id = course. Course\_id