1. SELECT COUNT(\*) FROM student;

# Database university

## Table structure for table student

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***student\_id*** | int | No |  |
| student\_name | varchar(25) | Yes | NULL |
| department\_name | varchar(25) | Yes | NULL |
| total\_credits | int | Yes | NULL |
| birthdate | date | Yes | NULL |

## Dumping data for table student

|  |
| --- |
| 4 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(\*) FROM student where department\_name = "civil";**

# Database University

## Table structure for table student

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***student\_id*** | int(10) | No |  |
| student\_name | varchar(25) | Yes | NULL |
| department\_name | varchar(25) | Yes | NULL |
| total\_credits | int(10) | Yes | NULL |
| birthdate | date | Yes | NULL |

## Dumping data for table student

|  |
| --- |
| 1 |

1. **SELECT MAX(credits) from course;**

# Database University

# Table structure for table course

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***course\_id*** | int(10) | No |  |
| title | varchar(25) | Yes | NULL |
| department\_name | varchar(25) | Yes | NULL |
| credits | int(10) | Yes | NULL |

## Dumping data for table course

|  |
| --- |
| 4 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(\*) from instructor where salary > 75000;**

# Database University

## Table structure for table instructor

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***instructor\_id*** | int(10) | No |  |
| instructor\_name | varchar(25) | Yes | NULL |
| department\_name | varchar(25) | Yes | NULL |
| salary | mediumtext | Yes | NULL |

## Dumping data for table instructor

|  |
| --- |
| 2 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**MIN**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_min)**(date\_registered),** [**MAX**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)**(date\_registered) from takes;**

# Database University

## Table structure for table takes

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***student\_id*** | int(10) | No |  |
| ***course\_id*** | int(10) | No |  |
| date\_registered | date | Yes | NULL |
| date\_completed | date | Yes | NULL |

## Dumping data for table takes

|  |  |
| --- | --- |
| 2023-01-01 | 2023-01-21 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(\*) from takes where course\_id=101;**

# Database University

## Table structure for table takes

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***student\_id*** | int(10) | No |  |
| ***course\_id*** | int(10) | No |  |
| date\_registered | date | Yes | NULL |
| date\_completed | date | Yes | NULL |

## Dumping data for table takes

|  |
| --- |
| 2 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(\*) from takes WHERE course\_id** [**IN**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) **(**[**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) **course\_id from course where credits >3);**

# Database University

## Table structure for table takes

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***student\_id*** | int(10) | No |  |
| ***course\_id*** | int(10) | No |  |
| date\_registered | date | Yes | NULL |
| date\_completed | date | Yes | NULL |

## Dumping data for table takes

|  |
| --- |
| 6 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**COUNT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)**(\*) FROM teaches where course\_id = 101;**

# Database University

## Table structure for table teaches

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***instructor\_id*** | int(10) | No |  |
| ***course\_id*** | int(10) | No |  |

## Dumping data for table teaches

|  |
| --- |
| 2 |

1. **SELECT COUNT(DISTINCT instructor\_id) FROM teaches WHERE course\_id IN (SELECT course\_id from takes where student\_id = 2001);**

# Database university

## Table structure for table teaches

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| instructor\_id | int | No |  |
| course\_id | int | No |  |

## Dumping data for table teaches

|  |
| --- |
| 2 |

1. [**SELECT**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html)[**SUM**](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_sum)**(credits) from course;**

Database University

## Table structure for table course

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** |
| ***course\_id*** | int(10) | No |  |
| title | varchar(25) | Yes | NULL |
| department\_name | varchar(25) | Yes | NULL |
| credits | int(10) | Yes | NULL |

## Dumping data for table course

|  |
| --- |
| 19 |