1)select count(\*) from Student;

**Database University**

## Table structure for table Student

|  |  |  |  |
| --- | --- | --- | --- |
| Column | **Type** | **Null** | **Default** |
| **Student\_ID** | int(5) | No |  |
| Student\_Name | varchar(10) | Yes | NULL |
| Dept\_Name | varchar(10) | Yes | NULL |
| Total\_Credits | int(2) | Yes | NULL |

**Dumping data for table Student**

4

2)SELECT count(\*) from Student where Total\_Credits = 4;

**Database University**

## Table structure for table Student

|  |  |  |  |
| --- | --- | --- | --- |
| Column | **Type** | **Null** | **Default** |
| **Student\_ID** | int(5) | No |  |
| Student\_Name | varchar(10) | Yes | NULL |
| Dept\_Name | varchar(10) | Yes | NULL |
| Total\_Credits | int(2) | Yes | NULL |

**Dumping data for table Student**

3

3)SELECT max(Total\_Credits) from Student where Dept\_Name = 'Computer';

**Database University**

## Table structure for table Student

|  |  |  |  |
| --- | --- | --- | --- |
| Column | **Type** | **Null** | **Default** |
| **Student\_ID** | int(5) | No |  |
| Student\_Name | varchar(10) | Yes | NULL |
| Dept\_Name | varchar(10) | Yes | NULL |
| Total\_Credits | int(2) | Yes | NULL |

**Dumping data for table Student**

4

4)SELECT count(\*) from Takes where Course\_ID = 101;

**Dumping data for table Takes**

2

5)SELECT count(\*) from Takes, Course where Takes.Course\_ID = Course.Course\_ID and Course.Title = 'OS';

**Dumping data for table Takes**

2

6)select Date\_In, Date\_Out from Takes, Course where Takes.Course\_ID = Course.Course\_ID and Course.Title = 'DBMQP';

**Dumping data for table Takes**

2023-03-01

2023-08-15

2023-05-24

2023-08-20

7)select count(\*) from Takes where Takes.Date\_Out <= curdate();

**Dumping data for table Takes**

4

8)SELECT count(\*) from Teaches where Course\_ID = 102;

**Dumping data for table Teaches**

2

9)SELECT count(\*) from Instructor where Instructor.Salary >70000;

**Database University**

## Table structure for table Instructor

|  |  |  |  |
| --- | --- | --- | --- |
| Column | **Type** | **Null** | **Default** |
| **Instructor\_ID** | int(5) | No |  |
| Instructor\_Name | varchar(10) | Yes | NULL |
| Department\_Name | varchar(10) | Yes | NULL |
| Salary | int(7) | Yes | NULL |

**Dumping data for table Instructor**

3

10)SELECT count(\*) from Takes where Takes.Date\_In between '2023-07-00' and '2023-07-31';

**Dumping data for table Takes**

0

**Conclusion:**

Aggregate functions were studied and successfully implemented through queries.