1) `select * 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

Dumping data for table student

2001	jason	comp	8
2002	johnson	civil	7
2003	judit	electronics	4
2004	Elis	comp	4

2) `select * from instructor;`

Database university

Table structure for table instructor

Column	Type	Null	Default
instructor_id	int	No	
instructor_name	varchar(25)	Yes	NULL
department_name	varchar(25)	Yes	NULL
salary	int	Yes	NULL

Dumping data for table instructor

5001	john	comp	100000
5002	bob	comp	50000

| 5003 | dwayne | civil | 150000 |
| 5004 | amit | electronics | 75000 |

3) `select student_name, department_name 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

Dumping data for table student

jason	comp
johnson	civil
judit	electronics
Elis	comp

4) `select course_id from takes;`

Database university

Table structure for table takes

Column	Type	Null	Default
student_id	int	No	
course_id	int	No	

Dumping data for table takes

101

102

201

202

301

101

102

5) `select course.title from course, takes where course.course_i`
   `d = takes.course_id;`

Database university

Table structure for table course

Column	Type	Null	Default
course_id	int	No	
title	varchar(25)	Yes	NULL
department_name	varchar(25)	Yes	NULL
credits	int	Yes	NULL

Dumping data for table course

dbms

os

mechanics

foundation Engineering

signals and system

dbms

os

6) `select course.title from course, teaches where course.course`
   `_id = teaches.course_id;`

Database university

Table structure for table course

Column	Type	Null	Default
course_id	int	No	
title	varchar(25)	Yes	NULL
department_name	varchar(25)	Yes	NULL
credits	int	Yes	NULL

Dumping data for table course

dbms

os

dbms

os

mechanics

foundation Engineering

signals and system

7) `SELECT student_name FROM student WHERE LENGTH(student_name) = 6;`

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

Dumping data for table student

Martin

8) `select instructor_name from instructor where instructor_name like "%a";`

Database university

Table structure for table instructor

Column	Type	Null	Default
instructor_id	int	No	
instructor_name	varchar(25)	Yes	NULL
department_name	varchar(25)	Yes	NULL
salary	int	Yes	NULL

Dumping data for table instructor

amita

9) `select title from course where title between 'c' and 't';`

Database university

Table structure for table course

Column	Type	Null	Default
course_id	int	No	
title	varchar(25)	Yes	NULL
department_name	varchar(25)	Yes	NULL
credits	int	Yes	NULL

Dumping data for table course

dbms

os

mechanics

foundation Engineering

signals and system

10) `select title from course order by title;`

Database university

Table structure for table course

Column	Type	Null	Default
course_id	int	No	
title	varchar(25)	Yes	NULL
department_name	varchar(25)	Yes	NULL
credits	int	Yes	NULL

Dumping data for table course

dbms

foundation Engineering

mechanics

os

signals and system

11)   `SELECT course_id from takes where student_id=2001;`

Database university

Table structure for table takes

Column	Type	Null	Default
student_id	int	No	
course_id	int	No	

Dumping data for table takes

101

102