

## Exercise 1

### department

Row count 5

dept_name	building	budget
Civil Eng.	Chandler	255041.46
Biology	Candlestick	647610.55
History	Taylor	699140.86
Physics	Wrigley	942162.76
Marketing	Lambeau	210627.58

### Section

Row count 5

course_id	sec_id	semester	year	building	room_number	time_slot_id
313	1	Fall	2010	Chandler	804	N
747	1	Spring	2004	Gates	314	K
443	1	Spring	2010	Whitman	434	O
893	1	Fall	2007	Fairchild	145	B
663	1	Spring	2005	Fairchild	145	D

### Takes

Row count 5

id	course_id	sec_id	semester	year	grade
65901	401	1	Fall	2003	C-
24932	802	1	Spring	2003	B-
61332	200	1	Spring	2007	A-
73492	760	1	Spring	2004	A
65715	843	1	Fall	2010	B+

## Exercise 2

### **1.) 276**

403, Immunology

352, Compiler Design

345, Race Car Driving

### **2.) 647**

814, Compiler Design

792, Image Processing

### **3.) 496**

852, World History

489, Journalism

133, Antidisestablishmentarianism in Modern America

267, Hydraulics

416, Data Mining

443, Journalism

### **Exercise 3**

### **Exercise 4**

1.) 76672

5.081081

2.) 90567

5.84127

3.) 4582

5.361111

4.) 81258

6.4761906

### **Exercise 5**

1.)

19362

81207

78637

98619

18286

2.)

**Psychology**

17676

40116

32886

26494

51093

**Elec. Eng.**

29140

64401

52057

59517

38712

**Civil Eng.**

98619

13753

40677

99660

32419

**Id 237**

78637

66469

64196

77898

99289

**ID 349**

23506

40116

16311

70021

14094

**Id 735**

18286

77898

52707

11441

39901