

Name :-

Purval Madhukar Bhude

Roll No. S20230010193

Subject :- DBMS

Lab Assignment 11

# Question 1

Result Grid		Filter Rows:
	title	
▶	Robotics	
	Image Processing	
	Database System Concepts	

Part a

Result Grid		Filter Rows:
	ID	
▶	44553	

Part b

Result Grid		Filter Rows:
	highest_salary	
▶	95000.00	

Part c

Result Grid			Filter Rows:
	name	salary	
▶	Einstein	95000.00	

Part d

Result Grid				Filter Rows:
	course_id	sec_id	enrollment	

Part e

Result Grid		Filter Rows:
	max_enrollment	
▶	NULL	

Part f



Result Grid			Filter Rows:
	course_id	sec_id	

Part e

## Question 2



Updated in table

## Question 3

Result Grid |   Filter



dept_name
▶ Comp. Sci.
* NULL

## Question 4

Result Grid |   Filter Rows:  | Export

	ID	name	num_sections
▶	10101	Srinivasan	3
	12121	Wu	1
	15151	Mozart	1
	22222	Einstein	1
	32343	El Said	1
	33456	Gold	0
	45565	Katz	2
	58583	Califieri	0
	76543	Singh	0
	76766	Crick	2
	83821	Brandt	3
	98345	Kim	1

Part a

Result Grid |   Filter Rows:  | Export:

	ID	name	num_sections
▶	10101	Srinivasan	3
	12121	Wu	1
	15151	Mozart	1
	22222	Einstein	1
	32343	El Said	1
	33456	Gold	0
	45565	Katz	2
	58583	Califieri	0
	76543	Singh	0
	76766	Crick	2
	83821	Brandt	3
	98345	Kim	1

Part b

Result Grid						Filter Rows:	Export:	Wrap C
	course_id	sec_id	semester	year	instructor_name			
▶	CS-101	1	Spring	2010	Katz			
	FIN-201	1	Spring	2010	Wu			
	MU-199	1	Spring	2010	Mozart			
	HIS-351	1	Spring	2010	El Said			
	CS-319	2	Spring	2010	Brandt			
	CS-319	1	Spring	2010	Katz			
	CS-315	1	Spring	2010	Srinivasan			

Part c

Result Grid			Filter Rows:	Export:
	dept_name	num_instructors		
▶	Biology	1		
	Comp. Sci.	3		
	Elec. Eng.	1		
	Finance	2		
	History	2		
	Music	1		
	Physics	2		

Part d

## Question 5

### Part a

Result Grid										Filter Rows:	Export:	Wrap Cell Content:
	ID	name	dept_name	tot_cred	ID	course_id	sec_id	semester	year	grade		
▶	00128	Zhang	Comp. Sci.	102	00128	CS-101	1	Fall	2009	A		
	00128	Zhang	Comp. Sci.	102	00128	CS-347	1	Fall	2009	A-		
	12345	Shankar	Comp. Sci.	32	12345	CS-101	1	Fall	2009	C		
	12345	Shankar	Comp. Sci.	32	12345	CS-190	2	Spring	2009	A		
	12345	Shankar	Comp. Sci.	32	12345	CS-315	1	Spring	2010	A		
	12345	Shankar	Comp. Sci.	32	12345	CS-347	1	Fall	2009	A		
	19991	Brandt	History	80	19991	HIS-351	1	Spring	2010	B		
	23121	Chavez	Finance	110	23121	FIN-201	1	Spring	2010	C+		
	44553	Peltier	Physics	56	44553	PHY-101	1	Fall	2009	B-		
	45678	Levy	Physics	46	45678	CS-101	1	Fall	2009	F		
	45678	Levy	Physics	46	45678	CS-101	1	Spring	2010	B+		
	45678	Levy	Physics	46	45678	CS-319	1	Spring	2010	B		
	54321	Williams	Comp. Sci.	54	54321	CS-101	1	Fall	2009	A-		
	54321	Williams	Comp. Sci.	54	54321	CS-190	2	Spring	2009	B+		
	55739	Sanchez	Music	38	55739	MU-199	1	Spring	2010	A-		
	70557	Snow	Physics	0	NULL	NULL	NULL	NULL	NULL	NULL		
	76543	Brown	Comp. Sci.	58	76543	CS-101	1	Fall	2009	A		

## Part b

Result Grid										
Filter Rows:				Export:		Wrap Cell Content:				
	ID	name	dept_name	tot_cred	ID	course_id	sec_id	semester	year	grade
▶	00128	Zhang	Comp. Sci.	102	00128	CS-101	1	Fall	2009	A
	00128	Zhang	Comp. Sci.	102	00128	CS-347	1	Fall	2009	A-
	12345	Shankar	Comp. Sci.	32	12345	CS-101	1	Fall	2009	C
	12345	Shankar	Comp. Sci.	32	12345	CS-190	2	Spring	2009	A
	12345	Shankar	Comp. Sci.	32	12345	CS-315	1	Spring	2010	A
	12345	Shankar	Comp. Sci.	32	12345	CS-347	1	Fall	2009	A
	19991	Brandt	History	80	19991	HIS-351	1	Spring	2010	B
	23121	Chavez	Finance	110	23121	FIN-201	1	Spring	2010	C+
	44553	Peltier	Physics	56	44553	PHY-101	1	Fall	2009	B-
	45678	Levy	Physics	46	45678	CS-101	1	Fall	2009	F
	45678	Levy	Physics	46	45678	CS-101	1	Spring	2010	B+
	45678	Levy	Physics	46	45678	CS-319	1	Spring	2010	B
	54321	Williams	Comp. Sci.	54	54321	CS-101	1	Fall	2009	A-
	54321	Williams	Comp. Sci.	54	54321	CS-190	2	Spring	2009	B+
	55739	Sanchez	Music	38	55739	MU-199	1	Spring	2010	A-
	70557	Snow	Physics	0	NULL	NULL	NULL	NULL	NULL	NULL
	76543	Brown	Comp. Sci.	58	76543	CS-101	1	Fall	2009	A

6,7,8,9,10 is in .sql file