

## Lab 4, Part 2 SQL query

Please answer all of the problems in the Jupyter Notebook according to the following TinyCollege database.

### CLASS

Class_code	Crs_code	Prof_num
10012	ACCT-211	105
10013	ACCT-211	105
10014	ACCT-211	342
10015	ACCT-212	301
10016	ACCT-212	301
10017	CIS-220	228
10018	CIS-220	114
10019	CIS-220	228
10020	CIS-420	162
10021	QM-261	114
10022	QM-261	114
10023	QM-362	162
10024	QM-362	162
10025	MATH-243	297

### DEPARTMENT

Dept_code	Dept_name	School_code
ACCT	Accounting	BUS
ART	Fine Arts	A&SCI
BIOL	Biology	A&SCI
CIS	Computer Info. Systems	BUS
ECON/FIN	Economics/Finance	BUS
ENG	English	A&SCI
HIST	History	A&SCI
MATH	Mathematics	A&SCI
MKT/MGT	Marketing/Management	BUS
PSYCH	Psychology	A&SCI
SOC	Sociology	A&SCI

### COURSE

Crs_code	Dept_code	Crs_description	Crs_credit
ACCT-211	ACCT	Accounting I	3
ACCT-212	ACCT	Accounting II	3
CIS-220	CIS	Intro. to Microcomputing	3
CIS-420	CIS	Database Design and Implementation	4
MATH-243	MATH	Mathmatic for Managers	3
QM-261	CIS	Intro. to Statistics	3
QM-362	CIS	Statistical Applications	4

### PREREQ

Crs_code	Pre_take
CIS-420	CIS-220
QM-261	MATH-243
QM-362	MATH-243
QM-362	QM-261

### STUDENT

Stu_num	Stu_lname	Stu_fname	Stu_grade	Dept_code	Prof_num
321452	Bowser	William	So	BIOL	110
324257	Smithson	Anne	Jr	CIS	228
324258	Brewer	Juliette	So	ACCT	114
324269	Oblonski	Walter	Jr	CIS	209
324273	Smith	John	Sr	ENG	335
324274	Katinga	Raphael	Sr	ACCT	105
324291	Robertson	Gerald	Sr	MATH	155
324299	Smith	John	Fr	ACCT	301

# PROFESSOR

Prof_num	Prof_lname	Prof_fname	Edu_degree	Dept_code
103	Donelly	Ronald	Ph.D.	HIST
104	Yukon	Preston	MA	ENG
105	Heffington	Arnelle	Ph.D.	ACCT
106	Washington	Ross	Ph.D.	MKT/MGT
110	Thieu	Van	Ph.D.	BIOL
114	Graztevski	Gerald	Ph.D.	ACCT
155	Ritula	Annelise	Ph.D.	MATH
160	Smith	Robert	Ph.D.	ENG
162	Rob	Peter	Ph.D.	CIS
191	Dexter	Willa	DBA	MKT/MGT
195	Williams	Herman	Ph.D.	PSYCH
209	Smith	Melanie	Ph.D.	CIS
228	Coronel	Carlos	Ph.D.	CIS
297	Jones	Hermine	Ph.D.	MATH
299	Stoddard	Doreen	Ph.D.	ECON/FIN
301	Osaki	Ismael	Ph.D.	ACCT
335	Wilson	Todd	Ph.D.	ENG
342	Jones	Suzanne	Ph.D.	SOC
387	Smith	Elsa	Ph.D.	BIOL
401	Ardano	James	MA	HIST
425	Williamson	Kathryn	MBA	ECON/FIN
435	Herndon	Jill	Ph.D.	ART