

INST327 - Assignment 1

Be sure you complete both questions.

Please consult the rubric and instruction sheets before starting the assignment. Usage of some keywords or structures (**IF**, **IFNULL()**, **etc.**) that are not allowed will result in point deductions. This is to test you on what we have taught you even though these keywords and structures may seem like an easier solution.

Q.1) Simple SELECT and Aliases (50 points)

Use the *courses* table in the iSchool database for this question. Write a query that replicates the result set shown below, matching all data and format aspects, including column headers. Check the sample output for a pattern to use in a WHERE to limit which rows are returned. **Order results by course code and course number in ascending order.** The sort order has been corrected.

Course	Description	Credits	Prerequisites
INST126	Introduction to Programming for Information Science	3	MATH115 or MATH140, no INST326
INST314	Statistics for Information Science	3	STAT100 and MATH115
INST326	Object-Oriented Programming for Information Science	3	C- INST126
INST327	Database Design and Modeling	3	C- INST126
INST335	Organizations, Management, and Teamwork	3	C- (INST201/301) and C- PSYC100
INST341	Introduction to Digital Curation	3	C- (INST126, INST201, INST311, STAT100, MATH115, PSYC100)
INST346	Technologies, Infrastructure, and Architecture	3	C- (INST201/301), C- (INST326 or CMSC131), INST327
INST352	Information User Needs and Assessment	3	C- (INST201/301) and C- INST311
INST354	Decision-Making for Information Science	3	C- (INST201/301) and C- (INST126, INST314, MATH115, STAT100, PSYC100)
INST362	User-Centered Design	3	C- (INST201/301) and C- (INST326, PSYC100)
INST364	Human-Centered Cybersecurity	3	C- (INST201/301) and C- (INST126, INST327, MATH115, STAT100, PSYC100)
INST366	Privacy, Security, and Ethics for Big Data	3	C- (INST201/301)
INST377	Dynamic Web Applications	3	C- (INST201/301) and C- (INST126, INST327, MATH115, STAT100, PSYC100)

13 rows returned.

NOTE: SEE PAGE 2 FOR QUESTION 2

Q.2) Simple Select (50 points)

Use the *people* table in the iSchool database for this question. Write a query that replicates the result set below, matching all data and format aspects, including column headers. Use the sample output to determine which columns to order by in your query.

UID	Name	Department	Title	Email
132466057	Aldred, Berri	ISCHOOL	Adjunct Lecturer	wcorneilu@wired.com
132466024	Balmadier, Eziechiele	ISCHOOL	Advisor	wdysart27@ox.ac.uk
132466082	Abilowitz, Almeria	BSIS	Assistant Professor	aavramovsky47@about.me
132466010	Barker, Murray	ISCHOOL	Associate Professor	abasindaleqk@hud.gov
132466090	Abramov, Martica	BSIS	Dean	wdobbyngg@cornell.edu
132466072	Acaster, Theresita	ISCHOOL	Dean	dhughf7y@google.ca
132466127	Agarwal, Kritika	MIM	GTA	kritika3@umd.edu
132466097	Kraft, Will	MIM	GTA	wkraft@umd.edu
132466125	Wierdak, Alan	HILS	GTA	awierdak@umd.edu
132466061	Basindale, Ariella	BSIS	Lecturer	dhewins8k@seesaa.net
132466000	Beatey, Noni	BSIS	Lecturer	ndiggar72@elpais.com
132466065	Chen, Yuan	ISCHOOL	Lecturer	aachurch9l@abc.net.au
132466095	Duffy, Pamela	HCIM	Lecturer	pduffy@umd.edu
132466038	El-Faouly, Layla	ISCHOOL	Lecturer	lelfaouly@drupal.org
132465988	Jones, Jessica	ISCHOOL	Lecturer	jjones@mayoclinic.com
132466110	Organa, Leia	PLCY	Princess	lorgan@umd.edu
132466086	Address, Jules	ISCHOOL	Principal Lecturer	aambrogettiin@jugem.jp
132466096	Diker, Vedat	ISCHOOL	Principal Lecturer	vdiker@umd.edu
132466040	Allred, Emmalee	ISCHOOL	Professor	nchesshire6@behance.net
132466066	Ambrogetti, Albrecht	ISCHOOL	Senior Lecturer	nduchateau3n@sphinn.com
132466001	Argue, Carley	BSIS	Senior Lecturer	nhalbeard20@amazon.com
132466100	Le, Vi	ISCHOOL	UTA	vihtle@umd.edu
132466107	Wang, Hengmeng	BSIS	UTA	hwang17@umd.edu
132466126	Zheng, Ian	BSIS	UTA	izheng@umd.edu

24 rows returned.