

## INST327 – Assignment 1

Be sure you complete both questions.

Please consult the rubric and instruction sheets before starting the assignment, especially for prohibited keywords and structures. Usage of prohibited keywords or structures (IF, IFNULL(), etc.) will result in point deductions. These keywords and structures may be allowed in future assignments.

### 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 control which rows are returned.

iSchool courses	description	prerequisites	credits
INST 301	Introduction to Information Science	NULL	3
INST 311	Information Organization	NULL	3
INST 314	Statistics for Information Science	STAT100 and MATH115	3
INST 326	Object-Oriented Programming for Information S...	C- INST126	3
INST 327	Database Design and Modeling	C- INST126	3
INST 335	Organizations, Management, and Teamwork	C- (INST201/301) and C- PSYC100	3
INST 341	Introduction to Digital Curation	C- (INST126, INST201, INST311, STAT100, MA...	3
INST 346	Technologies, Infrastructure, and Architecture	C- (INST201/301), C- (INST326 or CMSC131), I...	3
INST 352	Information User Needs and Assessment	C- (INST201/301) and C- INST311	3
INST 354	Decision-Making for Information Science	C- (INST201/301) and C- (INST126, INST314,...	3
INST 362	User-Centered Design	C- (INST201/301) and C- (INST326, PSYC100)	3
INST 364	Human-Centered Cybersecurity	C- (INST201/301) and C- (INST126, INST327,...	3
INST 366	Privacy, Security, and Ethics for Big Data	C- (INST201/301)	3
INST 377	Dynamic Web Applications	C- (INST201/301) and C- (INST126, INST327,...	3

14 rows returned.

(Question 2 is on the following page.)

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## 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 shown below, matching all data and format aspects, including column headers. Check the sample output for a pattern to use in a **WHERE** to control which rows are returned.

ID	name	start_date	department	title
6125	Alan W.	2022-01-28	HILS	GTA
6066	Albrecht A.	2020-09-28	ISCHOOL	Senior Lecturer
6082	Almeria A.	2021-01-28	BSIS	Assistant Professor
6061	Ariella B.	2020-07-09	BSIS	Lecturer
6057	Berri A.	2020-06-25	ISCHOOL	Adjunct Lecturer
6001	Carley A.	2018-12-19	BSIS	Senior Lecturer
6040	Emmalee A.	2020-02-06	ISCHOOL	Professor
6024	Eziechiele B.	2019-08-03	ISCHOOL	Advisor
6107	Hengmeng W.	2018-01-01	BSIS	UTA
6126	Ian Z.	2018-01-01	BSIS	UTA
5988	Jessica J.	2018-08-27	ISCHOOL	Lecturer
6086	Jules A.	2021-03-07	ISCHOOL	Principal Lecturer
6127	Kritika A.	2021-08-30	MIM	GTA
6038	Layla E.	2019-12-30	ISCHOOL	Lecturer
6110	Leia O.	2022-01-30	PLCY	Princess
6090	Martica A.	2021-04-19	BSIS	Dean

24 rows returned, not all rows shown.

The final row has the value 'Yuan C.' for 'name'.

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