

INST 327 – Database Design and Modeling

Assignment 6 - Views and Functions

Note: See the assignment on Canvas for the partially completed code that you need for Q2. This gives you a starting point and guide for creating a procedure.

Q.1) (50 points) Views

For this view, we want to list location information for all people with the “student” classification. Create the view `student_addresses` which returns the following information matching all data and format aspects, including column headers. Be sure to only list each person only once!

	person	pronoun	department	Location Address	classification
▶	Argue, Carley	she/her	BSIS	89739 Atwood Way Washington, DC	Student
	Avramovsky, Antonie	she/her	BSIS	28498 Bluejay Terrace Washington, DC	Student
	Basindale, Ariella	she/her	BSIS	794 Barnett Plaza Hyattsville, MD	Student
	Bell, Derrick	he/him	BSIS	8859 Eggendart Road Hyattsville, MD	Student
	Brooke, Edward	he/him	BSIS	5 Hanover Court New Bedford, MA	Student
	Denial, Issiah	he/him	BSIS	821 Sundown Drive Washington, DC	Student
	Duchateau, Nicoline	she/her	BSIS	7443 Leroy Street Washington, DC	Student
	Ellul, Genna	Prefer not to say	BSIS	0787 Bonner Avenue Washington, DC	Student
	Harse, Dix	he/him	BSIS	68 Westend Circle Annapolis, MD	Student
	Lee, Don	he/him	BSIS	5 Oakridge Place Washington, DC	Student
	Matityahu, Carolynn	she/her	BSIS	188 Grasskamp Terrace Washington, DC	Student
	Oguz, Torie	Some other pro...	BSIS	450 Golden Leaf Pass Washington, DC	Student
	Slaughter, Francis	she/her	BSIS	24 Sycamore Court Washington, DC	Student
	Van Baaren, Ellene	she/her	BSIS	48 John Wall Avenue Wilmington, DE	Student
	Ambrogetti, Albrecht	he/him	ISCHOOL	9 Forest Run Alley Washington, DC	Student
	Barker, Murray	he/him	ISCHOOL	42 Northview Terrace Washington, DC	Student
	Depper, Natalya	xe/xem	MLIS	8578 Algoma Way Arlington, VA	Student
	Chesshire, Ninetta	she/her	PHD	018 Buhler Crossing Arlington, VA	Student

18 rows returned.

Note: once you’ve created the view you can easily run it with the following code:
`SELECT * FROM student_addresses`

Q.2) (50 points) Procedures

Develop the `classes_for_student` procedure that takes both a student's first name and last name and returns all the courses they are taking. The columns are the student's full name, the department they belong to, and information about the course such as the course name, number of credits, section, course description, start time, building code, and room number. More details about the procedure are included in the `classes_for_student.sql` partial script including how to test your code.