

INST 327 – Database Design and Modeling

Assignment 5 - Views and Functions

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. You will use the ischool database for these questions.

Q.1) (50 points) Views

For this view, list location information for all people with the “faculty” classification in the BSIS department from Maryland. Create the view **faculty_addresses** which returns the following information matching all data and format aspects, including column headers. Be sure to only list each person once!

Hint: Think about which table(s) you need for the SELECT query from which you will create the view. Create and test the query before creating the view.

	person	department	street	location	classification
►	Abilowitz, Almeria	BSIS	91 Buena Vista Trail	Hyattsville, MD	Faculty
▢	Bradley, Isaiah	BSIS	956 Tomscot Pass	Hyattsville, MD	Faculty
▢	Clemmons, Dona	BSIS	5 Columbus Court	Annapolis, MD	Faculty
▢	De Giovanni, Valentino	BSIS	47106 Loomis Hill	Annapolis, MD	Faculty
▢	Dysart, Wilburt	BSIS	9 Golf View Road	Hyattsville, MD	Faculty
▢	Elba, Idris	BSIS	73906 Haas Way	Hyattsville, MD	Faculty
▢	Fealds, William	BSIS	82447 Oak Valley Terrace	Annapolis, MD	Faculty
▢	Grimke, Francis	BSIS	3087 Dottie Park	Hyattsville, MD	Faculty
▢	Hewins, Dyane	BSIS	6 Northport Drive	Hyattsville, MD	Faculty
▢	Krzyzanowski, Persis	BSIS	58251 Sunnyside Road	Annapolis, MD	Faculty
▢	Locke, Alain	BSIS	52 Green Ridge Avenue	Hyattsville, MD	Faculty
▢	Lopez, Maya	BSIS	57 Buena Vista Place	Hyattsville, MD	Faculty
▢	Matiewe, Sheffie	BSIS	80640 Petterle Terrace	Annapolis, MD	Faculty
▢	Mays, Dedie	BSIS	8099 Judy Circle	Annapolis, MD	Faculty
▢	Mordecai, Melba	BSIS	420 Corscot Plaza	Annapolis, MD	Faculty
▢	Nixon, Cameron	BSIS	7 Pearson Drive	Hyattsville, MD	Faculty
▢	Rojas, Kati	BSIS	36 Bultman Junction	Annapolis, MD	Faculty
▢	Smoot, Tarrah	BSIS	6954 Cambridge Junction	Hyattsville, MD	Faculty
▢	Tyne, Carree	BSIS	63516 Thompson Street	Annapolis, MD	Faculty
▢	Walwood, Harlin	BSIS	6 Lake View Court	Annapolis, MD	Faculty
▢	Yurchenko, Bernelle	BSIS	08806 Debs Pass	Annapolis, MD	Faculty

21 rows returned.

Note: once you’ve created the view you can easily run it with the following code:

SELECT * FROM faculty_addresses;

Q.2) (50 points) Procedures

Develop the **person_by_state** procedure that takes a state abbreviation and returns students from that state and some information about them. The columns are the *student's full name*, *department*, and *location (city and state)*. More details about the procedure are included in the **students_in_state.sql** partial script including how to test your code.