Database Systems 10127
Lab 9

Database Views

Use the college database created in Lab 8.

If you need to recreate it, you can do it faster by copying the contents of the file
 "College Lab CREATE with data.docx" into a query and running the query

Database Views:

a) Write a query to list all the students' first and last names and the city they live in

b) Write a statement to create a view called *cities* based on the query in part (a)
   a. Run the statement

c) Write a query to select everything from the view. Verify that it is the same output as you got in part (a)

d) Insert a new student into the student table

e) Repeat part (c). Did the results change? Why?

f) Update a city name through the view using this command:

   UPDATE cities
   SET City = 'Rehovot'
   WHERE City = 'Rechovot'

g) Repeat part (c). Did the results change? Why?

h) Repeat part (a). Did the results change? Why?

i) Change the name of Tamar Klain to Tamar Klein using the view

j) Repeat part (c). Did the results change?

k) Try to add a student to the view. Does it work?

l) create a view called degrees that lists all the teachers' ID, first and last names and their degree

m) Try to add a teacher to the view. Does it work? What happens to fields not in the view?

n) Create a view to show all teachers and their departments

o) Try to add rows to the view. Does it work?