

INF 293 Computer Programming for Business Applications

Class Work – 5 (Select Queries and Reports)

- Copy the **Chapter 3 Practice 5-Best Realty** database with the name **Best Realty** from the web page <http://inf293.cankaya.edu.tr> to your desktop.

Best Realty database contains a **Property** table with 10 to 15 records, a form to enter data, and a form that describes the Best Realty database. Your assignment is to create the various reports that are described below.



Choose a different format for each report to experiment different designs that are available. You may need to change the page orientation and/or margins to ensure that each report fits on one page.

- Create a report that shows all properties that have been sold to date. The report is based on a query that contains two calculated fields: the price per square foot (based on the selling price, as opposed to the asking price) and the number of days that the property was on the market. Your report should contain all the fields that appear the following report, but you need not match the design.

Hint: Price per Square foot = Sales Price / Square feet

Days on Market = Date Sold – Date Listed

Solution report:

<div style="display: flex; justify-content: space-between; align-items: center;">  <h2 style="text-align: center; margin: 0;">Sold Properties</h2>  </div> <div style="text-align: center; margin-top: 5px;">25 Mart 2006 Cumartesi</div>								
Propert	PropertyType	Date Listed	Asking Price	Date Sold	Sales Price	Square Feet	Price Per SqFt	Days On Market
P0001	Single-Family	01.03.2001	\$275.000	01.06.2001	\$275.000	2.000	\$138	92
P0005	Townhome	04.02.2001	\$210.000	16.03.2001	\$205.000	1.500	\$137	40
P0006	Single-Family	15.03.2001	\$325.000	15.09.2001	\$260.000	2.500	\$104	184
P0007	Duplex	01.01.2001	\$89.000	01.06.2001	\$75.000	1.600	\$47	151
P0009	Condominium	01.05.2001	\$500.000	15.05.2001	\$465.000	3.000	\$155	14

- Create a report listing properties with an asking price of more than \$250,000. The properties are to be listed from most expensive to least expensive. Include the Asking Price, Property ID, Address, Agent's Last Name, Property Type, and Date Listed. This report should contain only properties that are available (i.e., properties that have not been sold).
Hint: Criteria: **Asking Price** is >**250000** and **Date Sold** is **Null**
- Create a report listing the available properties that are on the water. List the properties in alphabetical order by the owner's last name. Include in the report the owner's first and last names, the address, the asking price, the number of bedrooms and bathrooms, and whether or not the property has a pool.
- Create a report listing the available properties that have more than 3 bedrooms. List the properties in order from the one with the most to fewest bedrooms. The report should include the number of bedrooms, the agent's last name, the address, the property type, the garage information, and the day listed.