Case Study: SQL I w/ZAGI Access database
Business Intelligence and Analytics

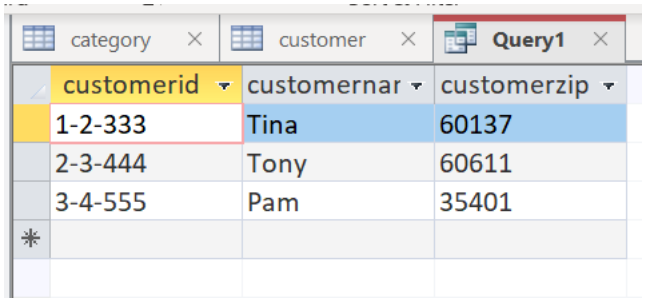
Your assignment is to write and run SQL queries that will produce the data (record sets) requested below using the small ZAGI database in Microsoft Access (available through the Assignment area). All of the queries requested below use the SELECT command and retrieve data from **one table**. After you are able to run your SQL statement and get the desired result, please copy the content below into this Word document (the one you are currently reading):

(1) SQL statement (as text), and
(2) the Recordset (your output/results) from each SQL statement

When you have finished, please submit this Word document (with your SQL statements and output copied into it)**.** You may want to use the "Snipping Tool" to copy the record set (output). Submit your Word document through BBLearn.

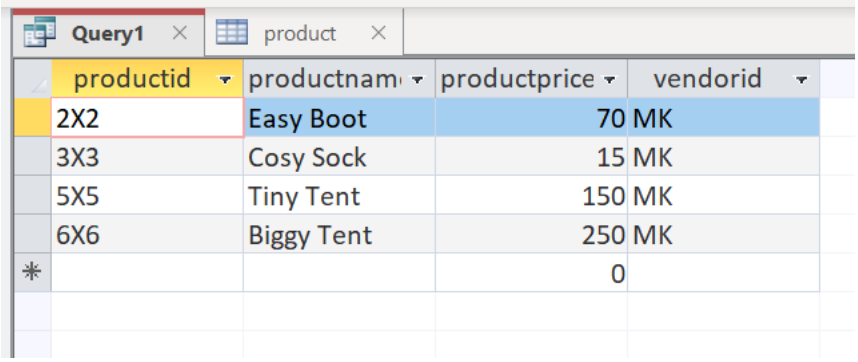
1. Retrieve all fields from the customer table. *Hint: Use the * character.*

```
SELECT
*
FROM
Customer
;
```



2. Retrieve the productid, productname, productprice, and vendorid from the product table for those products sold by vendor MK. *Hint: Use the WHERE clause to specify the criteria of vendorID = 'MK'.*

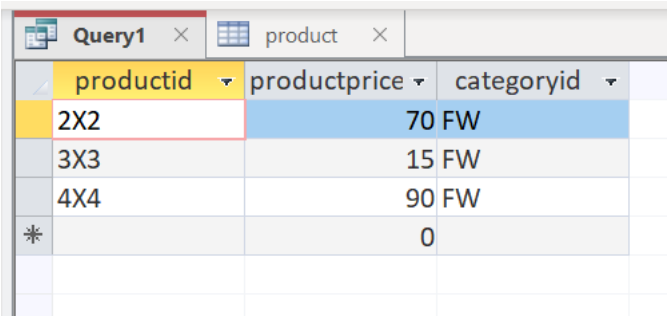
```
SELECT
productid, productname, productprice, vendorid
FROM
Product
WHERE
vendorid='MK'
;
```



productid	productnam	productprice	vendorid
2X2	Easy Boot	70	MK
3X3	Cosy Sock	15	MK
5X5	Tiny Tent	150	MK
6X6	Biggy Tent	250	MK
		0	

3. Retrieve the productid, productprice, and categoryID from the product table for those products which cost less than $100.

```
SELECT
productid, productprice, categoryid
FROM
Product
WHERE
productprice<100
;
```

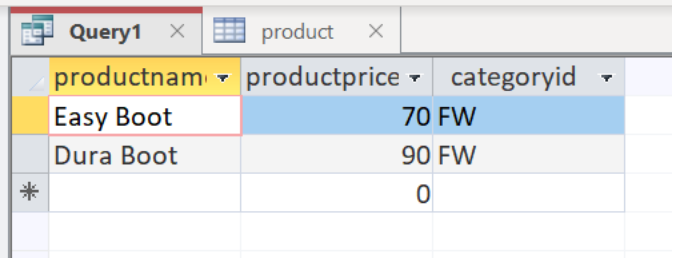


productid	productprice	categoryid
2X2	70	FW
3X3	15	FW
4X4	90	FW
	0	

4. Retrieve the productname, productprice, and categoryID from the product table for those products which cost more than $50 AND have a categoryid ‘FW’. Use the structure below in your SQL statement:

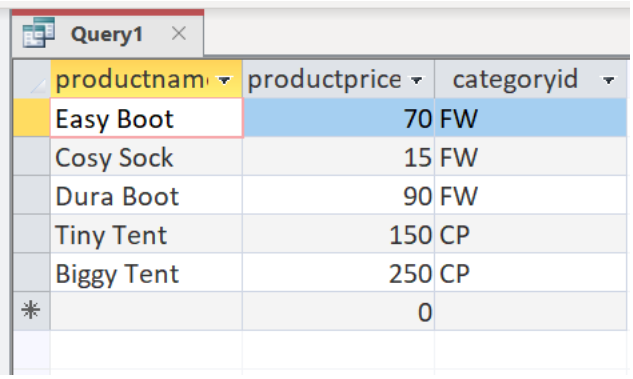
```
SELECT fields
FROM table
WHERE criteria
AND criteria
```

```
SELECT
productname, productprice, categoryid
FROM
Product
WHERE
productprice>50
AND
categoryid='FW'
;
```



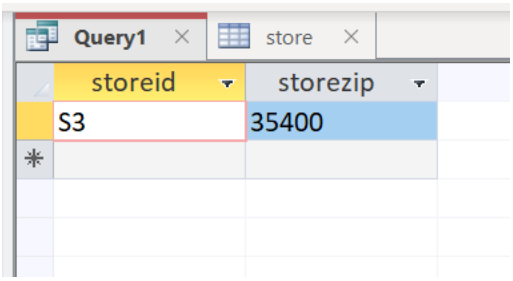
5. Retrieve the productname, productprice, and categoryID from the product table for those products which cost more than $100 OR have the categoryid FW.
   SELECT fields
   FROM table
   WHERE field criteria
   OR field criteria

```
SELECT
productname, productprice, categoryid
FROM
Product
WHERE
productprice>100
OR
categoryid='FW'
;
```



6. List the storeid and storezip for all stores in the ‘T’ region.

```
SELECT
storeid, storezip
FROM
Store
WHERE
regionid IN
('T')
;
```



7. List the productid, tid, and noofitems for all transactions where the noofitems is greater than or equal to 4. *Hint: find the table that includes these three fields*.

```
SELECT
productid, tid, noofitems
FROM
Soldvia
WHERE
noofitems>=4
;
```