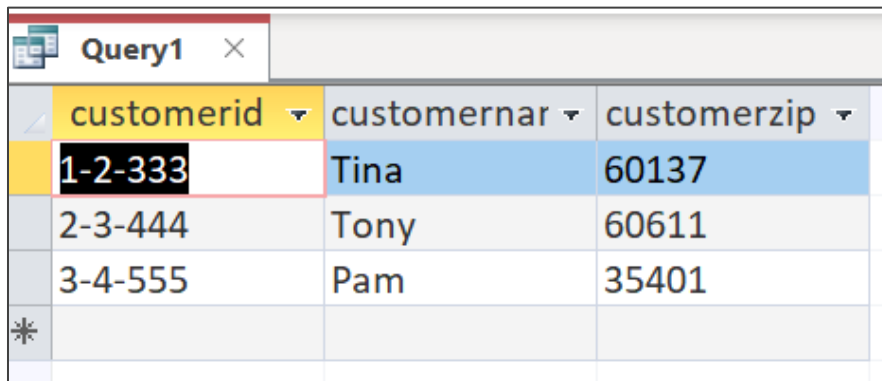


Case Study: SQL I w/ZAGI Access database

Business Intelligence and Analytics

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

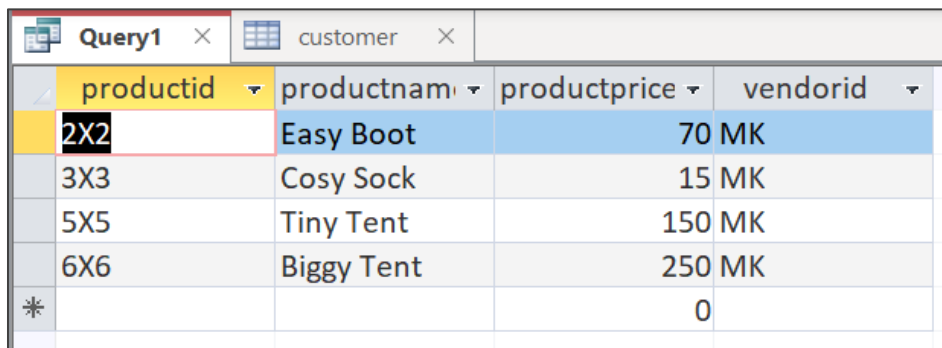
```
SELECT  
* FROM  
customer;
```



customerid	customernar	customerzip
1-2-333	Tina	60137
2-3-444	Tony	60611
3-4-555	Pam	35401
*		

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	productname	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;
```

Query1		
productid	productprice	categoryID
2X2	70	FW
3X3	15	FW
4X4	90	FW
*	0	

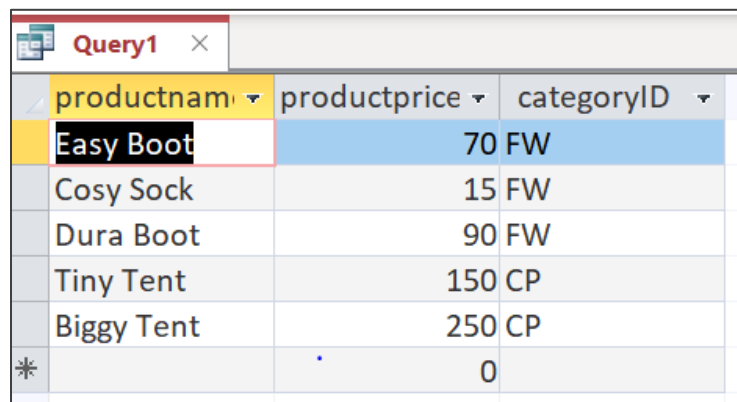
4. Retrieve the productname, productprice, and categoryID from the product table for those products which cost more than \$50 AND have a categoryid 'FW'. Use the structure below in your SQL statement:

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

Query1		
productname	productprice	categoryID
Easy Boot	70	FW
Dura Boot	90	FW
*	0	

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  
productname, productprice, categoryID  
FROM  
product  
WHERE  
productprice >100 OR categoryid = 'FW';
```



productname	productprice	categoryID
Easy Boot	70	FW
Cosy Sock	15	FW
Dura Boot	90	FW
Tiny Tent	150	CP
Biggy Tent	250	CP
*	0	

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

```
SELECT  
storeid, storezip  
FROM  
Stores  
WHERE  
regionid= 'T';
```



storeid	storezip
S3	35400
*	

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;
```

	productid ▾	tid ▾	noofitems ▾
	3X3	T333	5
	4X4	T555	4
*			

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