

MS Access

Class VIII
lab 28





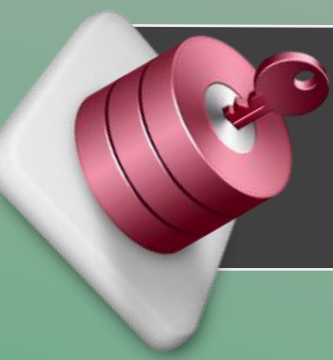
Aggregate Query

An aggregate query also known as a totals or summary query is a sum, mass or group particulars

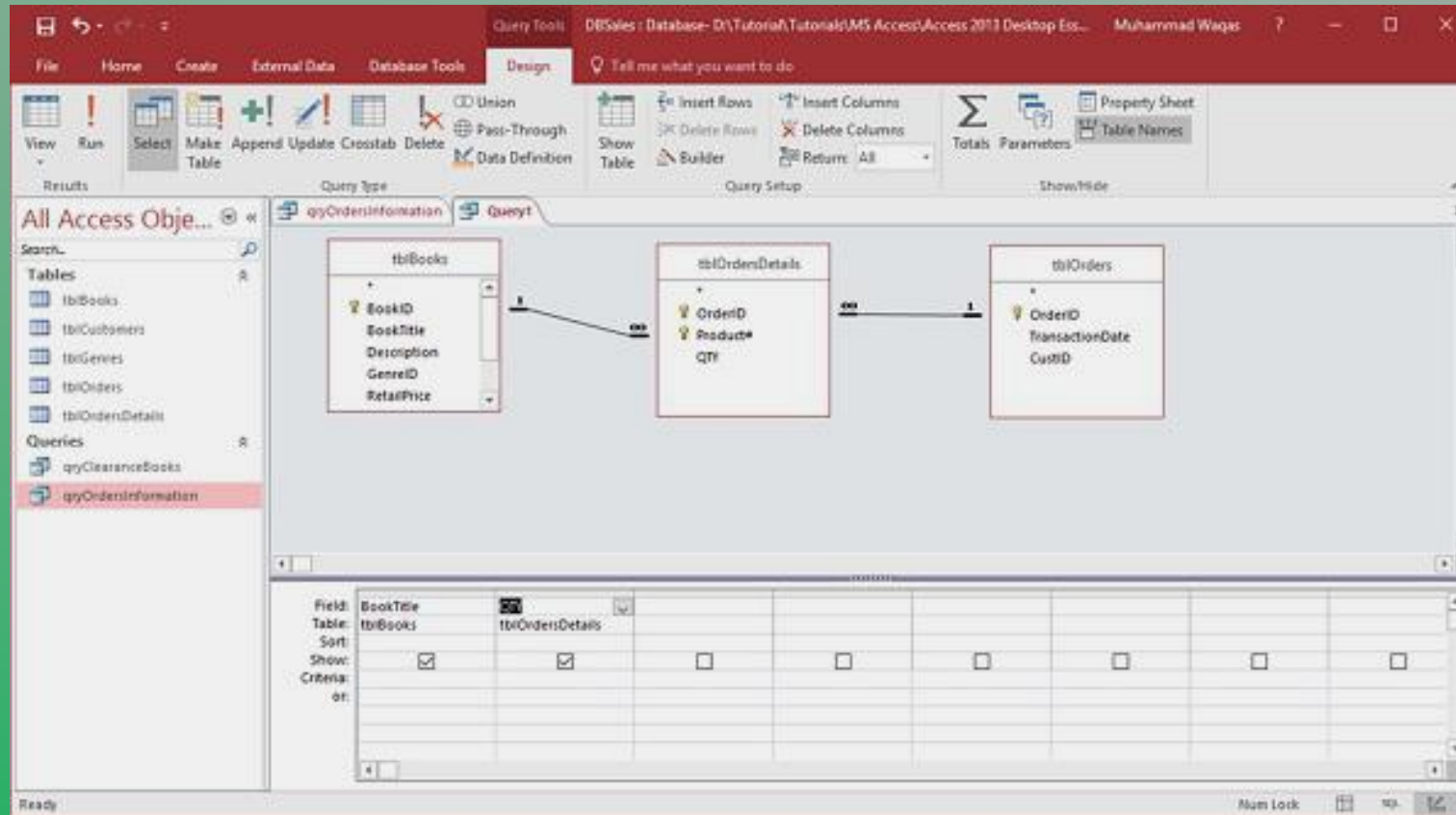


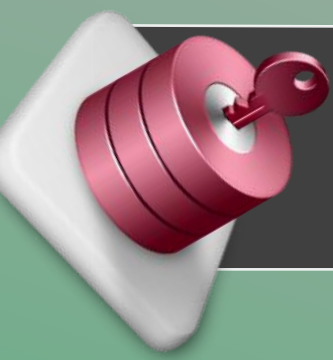
Aggregate Function

S.No	Aggregate Functions & Description
1.	Sum - Adds the field values
2.	Avg - Average of the field values
3.	MinLowest - (minimum) field value
4.	MaxHighest - (maximum) field value
5.	CountCount - of the values (records)
6.	StDevStandard - deviation of the field values including date/time fields
7.	VarVariance - of the field values including date/time



Query Grid

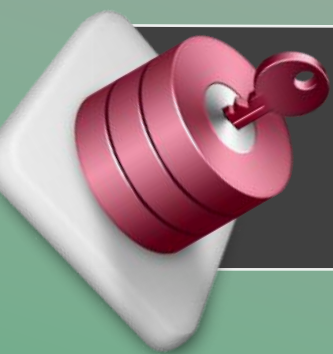




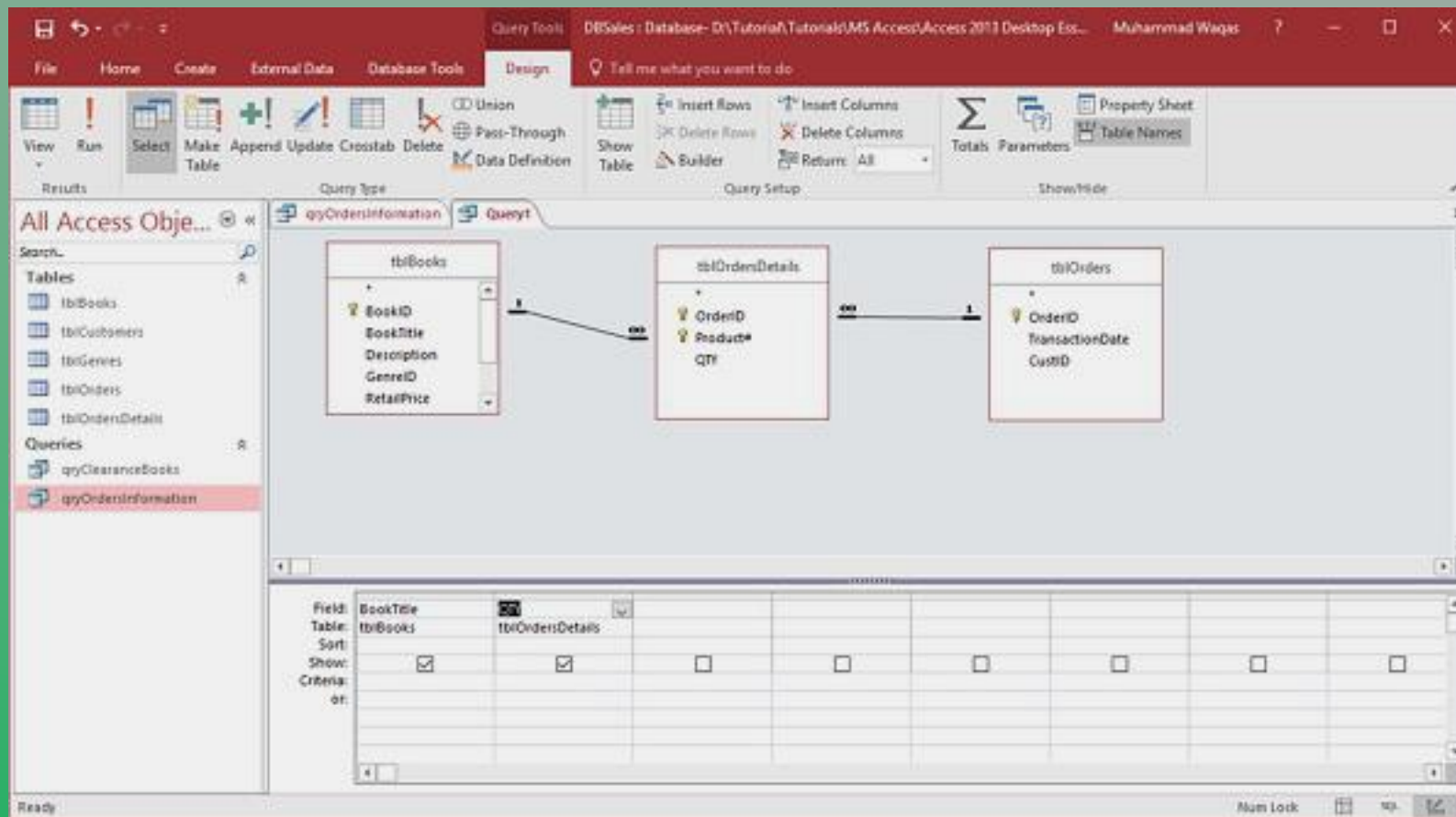
Run the Query

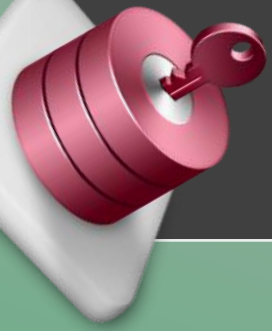
The screenshot shows the Microsoft Access 2013 interface. The 'Run' button (a green play icon) is highlighted in the 'Database Tools' tab of the ribbon. The left-hand pane shows the 'All Access Objects' list with 'qryOrdersInformation' selected under the 'Queries' section. The main window displays the results of this query in a table view.

BookTitle	QTY
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
My Mother Is Not A Fish	1
Romance Canyon	1
Romance Canyon	1
Romance Canyon	1
Romance Canyon	1
Romance Canyon	1
Romance Canyon	1
Romance Canyon	1

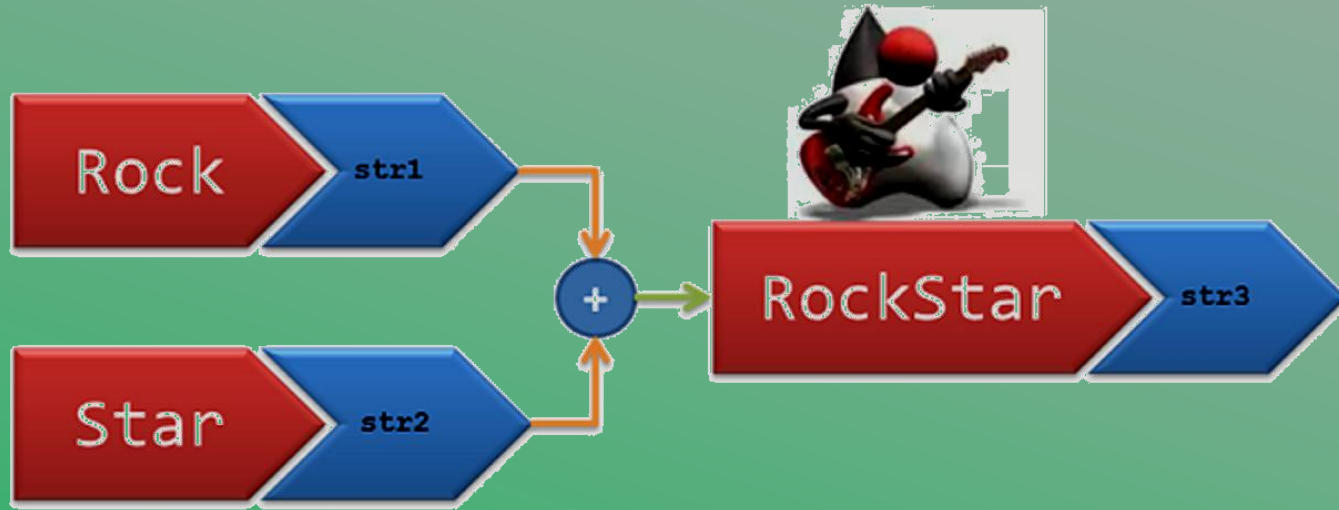


Sigma symbol

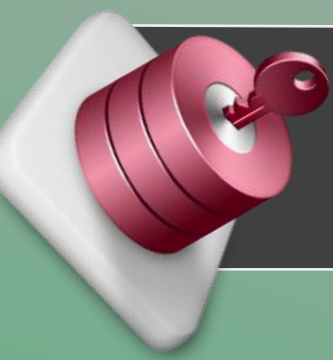




Concatenation in Access



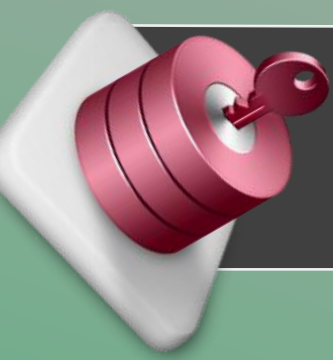
You can display that information together by creating a calculated field that concatenates one or more strings



Display Information Together

The screenshot shows the Microsoft Access interface with the 'qryOrdersInformation' query selected in the 'All Access Objects' pane. The query results are displayed in a Datasheet view, showing a list of customers with their first and last names. The status bar at the bottom indicates 'Record: 1' and '1'.

FirstName	LastName
Pedro	Kerr
Loretta	Wakefield
Sherry	Young
James	Erickson
Rebecca	Serrato
Bradley	Zanders
Edward	Davis
Christina	Lovett
Evelyn	Thompson
Cheryl	Long
Annie	Edwards
Lynne	Garcia
Tad	Halton
Lillian	Reinke
Ralph	Taylor
Susan	Sanders
Kent	Hudson
Tillie	Riley
Joseph	Hall
David	Forte
Ina	Nichols



Final View

Microsoft Access 2013 Desktop Essentials Part 1: Access-2013-essentials-pt1\materials\14-access...

File Home Create External Data Database Tools Tell me what you want to do

Views: Clipboard Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- tblBooks
- tblCustomers
- tblGenres
- tblOrders
- tblOrdersDetails

Queries

- qryClearanceBooks
- qryOrdersInformation

Query1

FirstName	LastName	FullName
Pedro	Kerr	PedroKerr
Loretta	Wakefield	LorettaWakefi
Sherry	Young	SherryYoung
James	Erickson	JamesErickson
Rebecca	Serrato	RebeccaSerrato
Bradley	Zanders	BradleyZander
Edward	Davis	EdwardDavis
Christina	Lovett	ChristinaLovett
Evelyn	Thompson	EvelynThomps
Cheryl	Long	CherylLong
Annie	Edwards	AnnieEdwards
Lynne	Garcia	LynneGarcia
Tad	Halton	TadHalton
Lillian	Reinke	LillianReinke
Ralph	Taylor	RalphTaylor
Susan	Sanders	SusanSanders
Kent	Hudson	KentHudson
Tillie	Riley	TillieRiley
Joseph	Hall	JosephHall
David	Forte	DavidForte
Ina	Nichols	InaNichols

Record: 1 of 3000

