

Quick Reports

One of the main functions of a database is to be able to display its data as clearly as possible so that it can be communicated and understood. In this way data is processed into information. Microsoft Access offers a variety of different reports that can be used to achieve this. The most common report is called a TABULAR REPORT, however, you can also create COLUMNAR REPORTS, CHARTS or MAILING LABELS. The one database can have several different reports to suit different requirements.

There are also a number of different ways to create these reports. In this chapter you will use the REPORT WIZARD and the REPORT tool to create simple reports in a few mouse clicks. In the next chapter you will use REPORT DESIGN to create more detailed reports.

Loading the Sample File

A database has been prepared for you and it will need to be opened from the ACCESS 2010 SUPPORT FILES

- 1 Load Microsoft Access or close the current file and click on the OPEN icon in the BACKSTAGE VIEW.
- 2 Access the CHAPTER 6 folder of the ACCESS 2010 SUPPORT FILES and open the BANK RECORDS 6 file as an OPEN READ-ONLY file.
- 3 Click on the FILE tab and select SAVE DATABASE AS.
- 4 Access your ACCESS STORAGE folder, save the file as:

Bank Records 6 Copy

and click on the ENABLE CONTENT button.



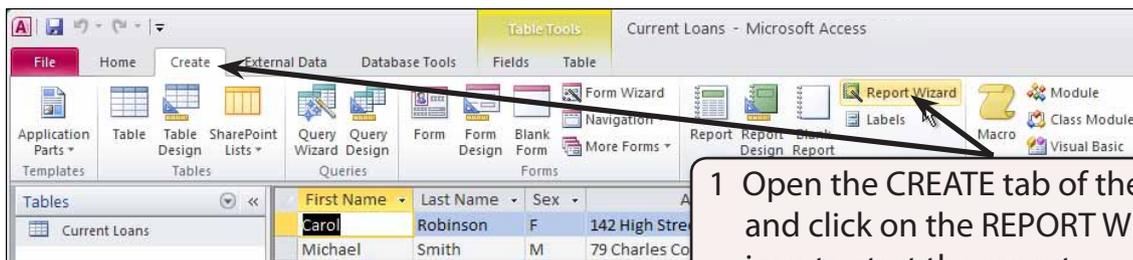
First Name	Last Name	Gender	Address	Loan Date
Sarah	Robinson	F	142 High Street Richmond 3121	03-Sep-11
Michael	Smith	M	79 Charles Court Fitzroy 3065	03-Sep-11
Gary	Kane	M	8 Newell Road Surrey Hills 3127	04-Sep-11
Ian	Donaldson	M	2 Oliver Crescent Richmond 3121	06-Sep-11
Cheryl	Webster	F	89 Davis Street South Yarra 3141	08-Sep-11

5 Open the CURRENT LOANS table to re-familiarise yourself with it. The table stores the personal details of the clients of a bank.

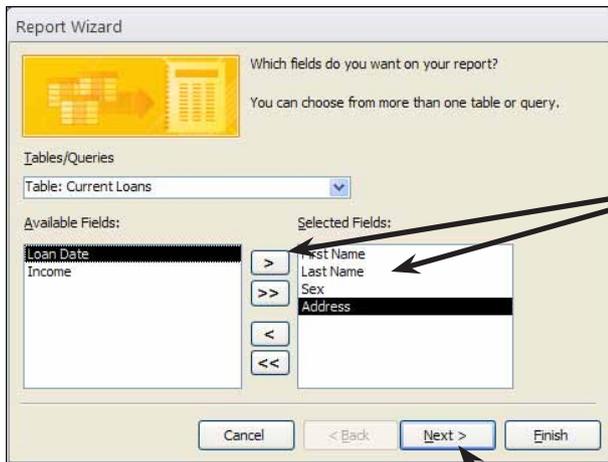
Using the Report Wizard

A Tabular Reports

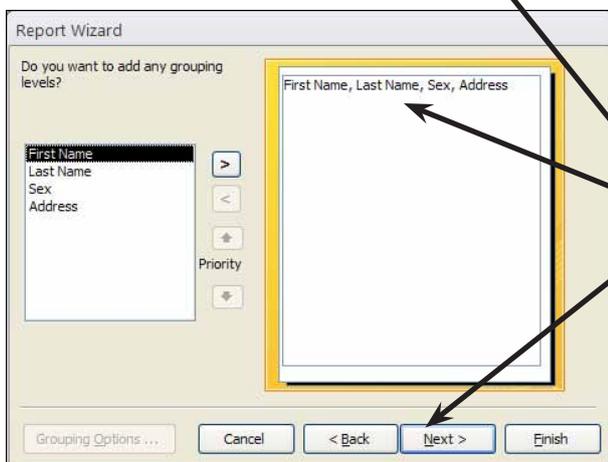
We will create a TABULAR REPORT where field names appear at the top of columns and the records are listed in rows under those headings using the REPORT WIZARD. It is similar to displaying data from a spreadsheet and it is the most efficient way to print large numbers of records.



1 Open the CREATE tab of the RIBBON and click on the REPORT WIZARD icon to start the report.



2 The first dialogue box asks for the fields to be placed in the report. Let's create a report that shows the client's FIRST NAME, LAST NAME, SEX and ADDRESS. Move those fields into the SELECTED FIELDS frame.



3 Click on the NEXT button and you will be asked about GROUPING LEVELS. This is important when doing totals in a report which we will cover in a later chapter. In this case just click on the NEXT button.

Report Wizard

What sort order do you want for your records?

You can sort records by up to four fields, in either ascending or descending order.

1 Last Name Ascending

2 First Name Ascending

3 Ascending

4 Ascending

Cancel < Back Next > Finish

4 You will be asked about the SORT ORDER. Use the down arrow to set the first sort box to LAST NAME and the second sort box to FIRST NAME.

5 In both cases leave the boxes next to the fields as ASCENDING (A to Z) and click on the NEXT button.

NOTE: This will sort the report into LAST NAME order first. If any of the clients have the same LAST NAME those clients will be sorted into FIRST NAME order.

Report Wizard

How would you like to lay out your report?

Layout

Columnar

Tabular

Justified

Orientation

Portrait

Landscape

Adjust the field width so all fields fit on a page.

Cancel < Back Next > Finish

6 You will be asked about the layout of the report. Leave TABULAR selected in the LAYOUT frame and PORTRAIT (or normal) selected in the ORIENTATION frame, then click on the NEXT button.

Report Wizard

What title do you want for your report?

Current Addresses

That's all the information the wizard needs to create your report.

Do you want to preview the report or modify the report's design?

Preview the report.

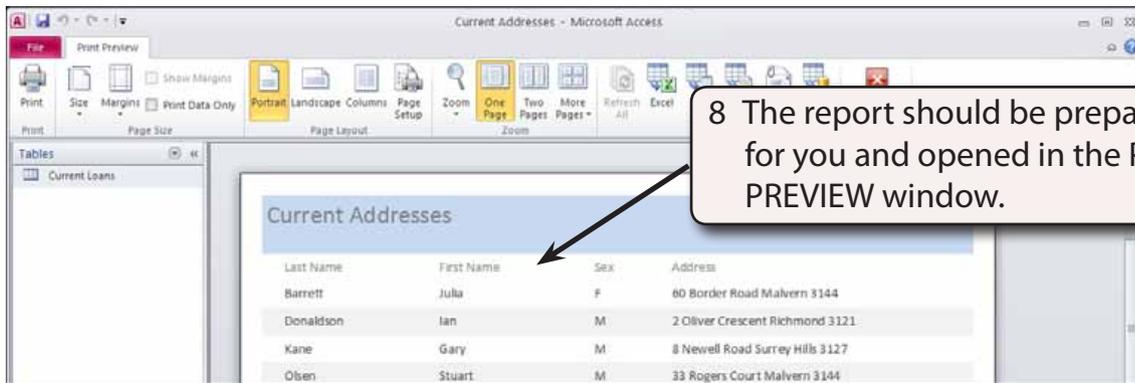
Modify the report's design.

Cancel < Back Next > Finish

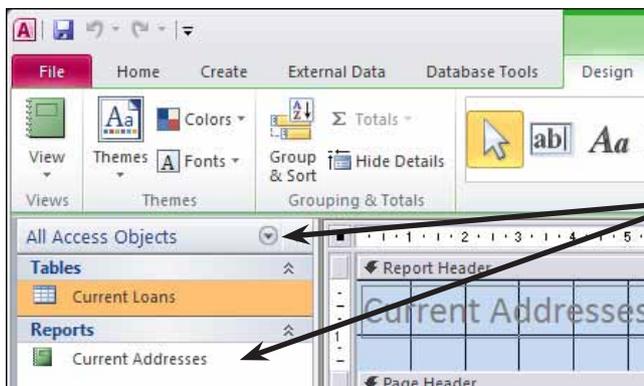
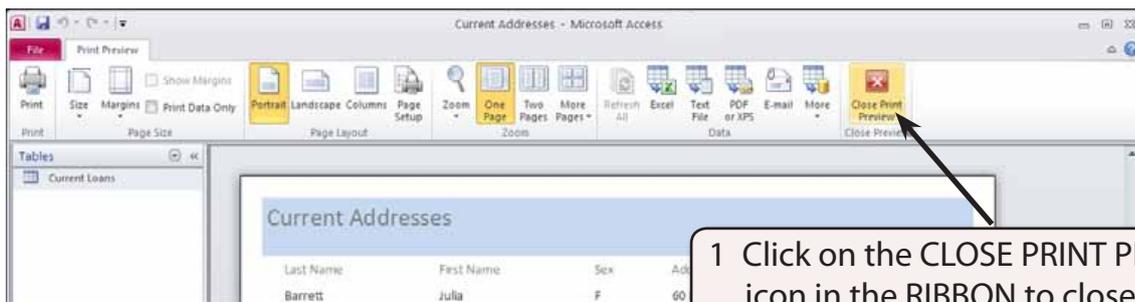
7 Finally, you will be asked to enter a title for the report. Enter:

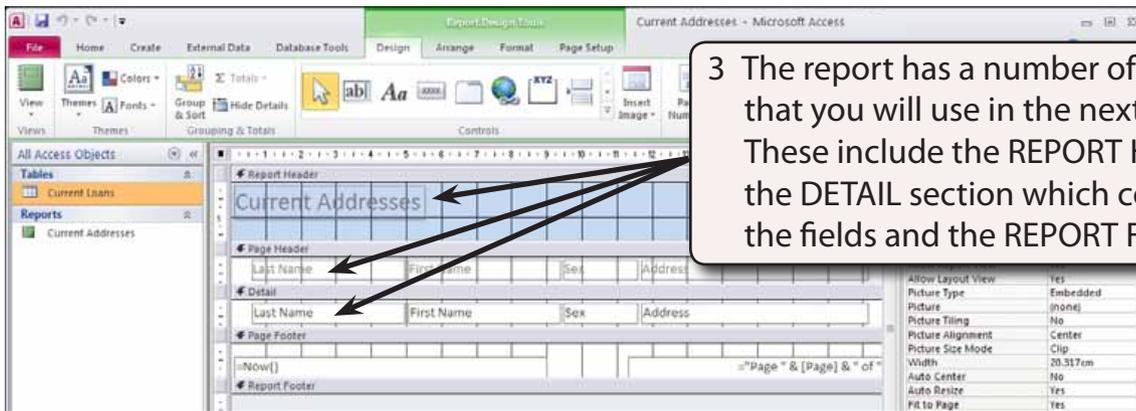
Client Addresses

and click on the FINISH button.



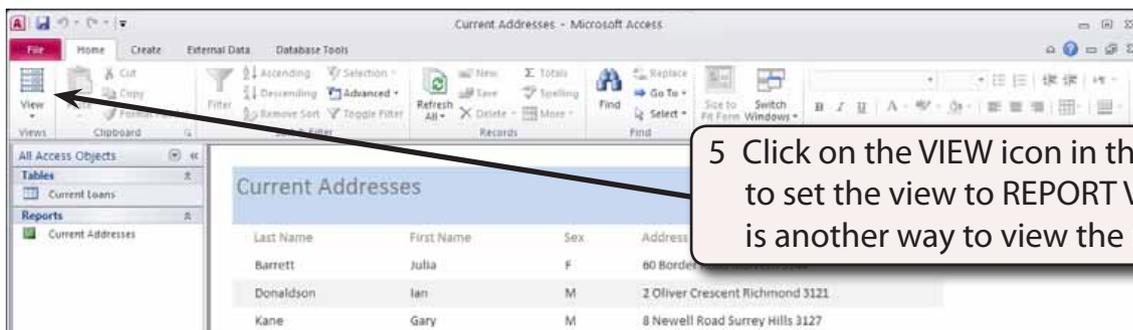
B Looking at the Report





NOTE: The =NOW() control in the PAGE FOOTER section is another way of inserting the current date into a report.

4 Print a copy of the report if you wish.



NOTE: The report wizard provides one heading. Usually a report should have a main header (for example, company name) and a sub-heading indicating what the report is about. We will insert these in the next chapter.