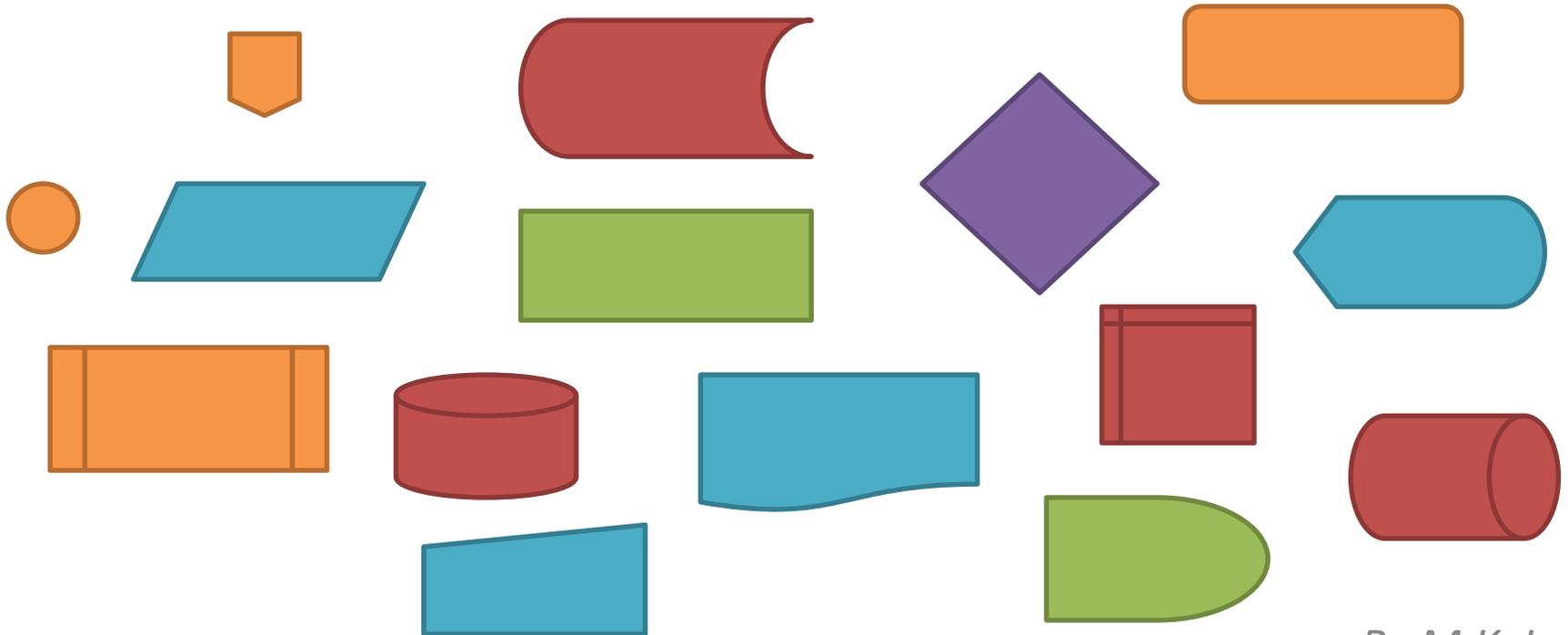


FLOWCHARTS

Part 3

IMPROVED VERSION!



By M.K. Lowe

Preface

Before using this guide, you must be completely familiar with (and understand) all of the content from guides 1 and 2. This guide builds upon much of these guides, and assumes you understand all previous content.

Please note where you see this in any examples:

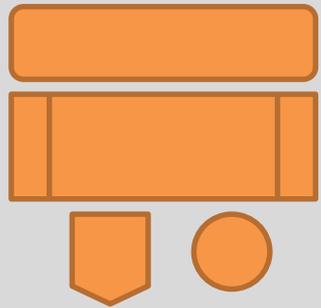


It denotes that unimportant additional steps have been omitted in order to conserve space.

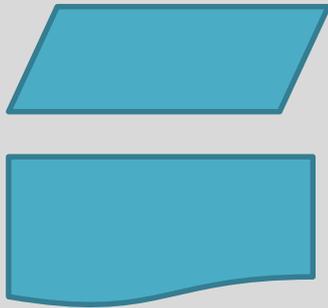
New Shapes

It is now time to look at some new shapes. The shapes are technically related, each with a more specific function:

Control



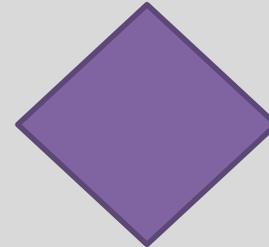
Input/Output



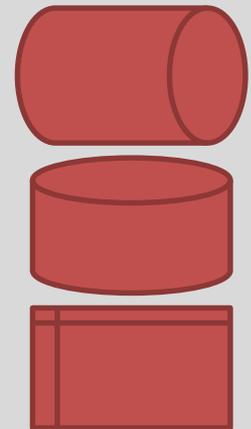
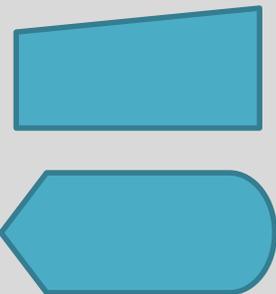
Processes



Decision

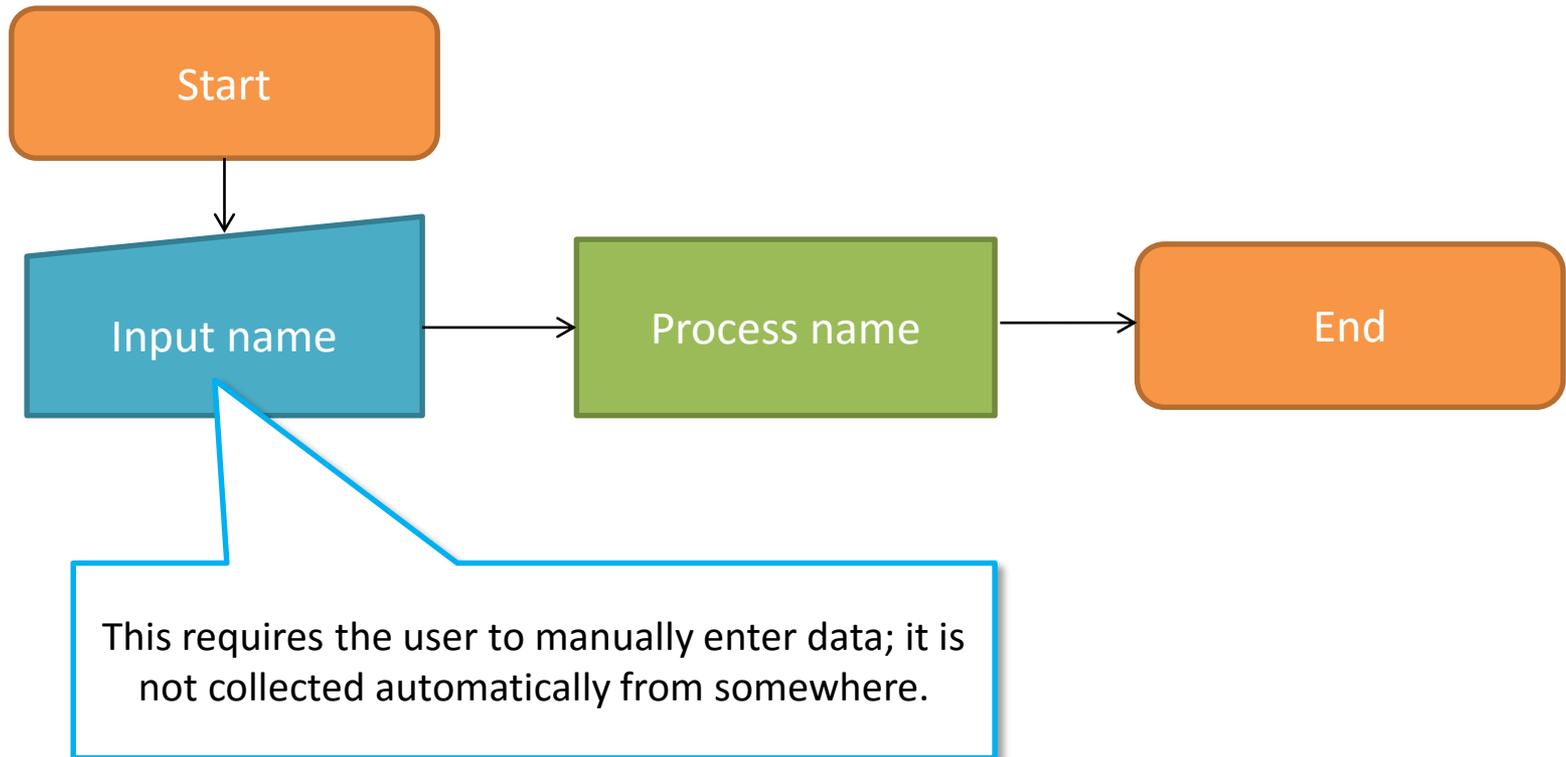


Storage



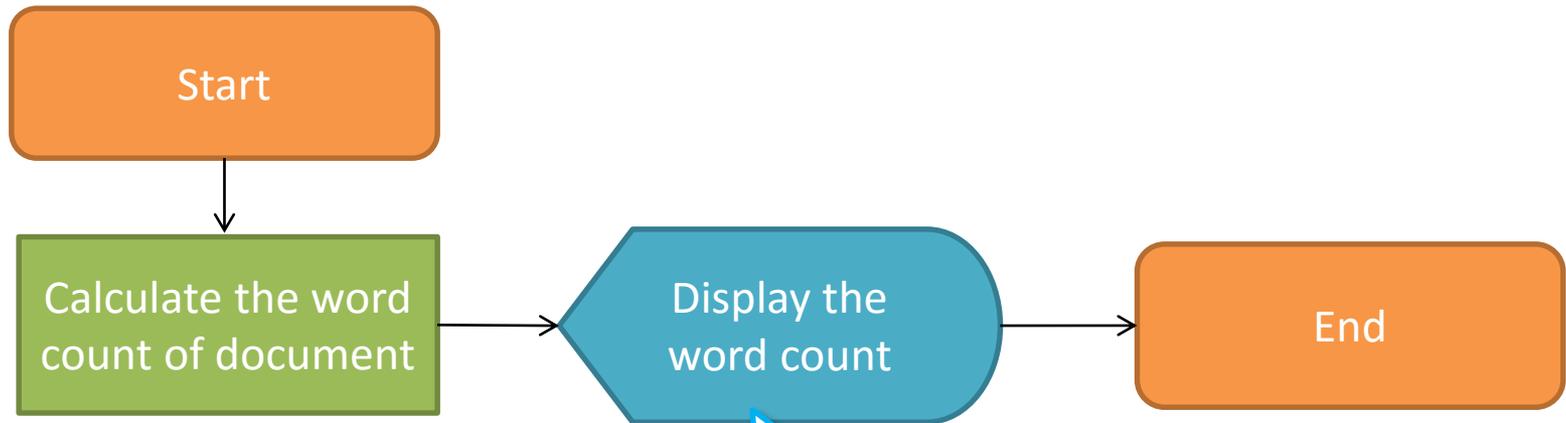
Manual Input

Manual Input is used to indicate that the user must **manually** input some data into the system. For example, enter their name. This is **not** an automatic process.



Display

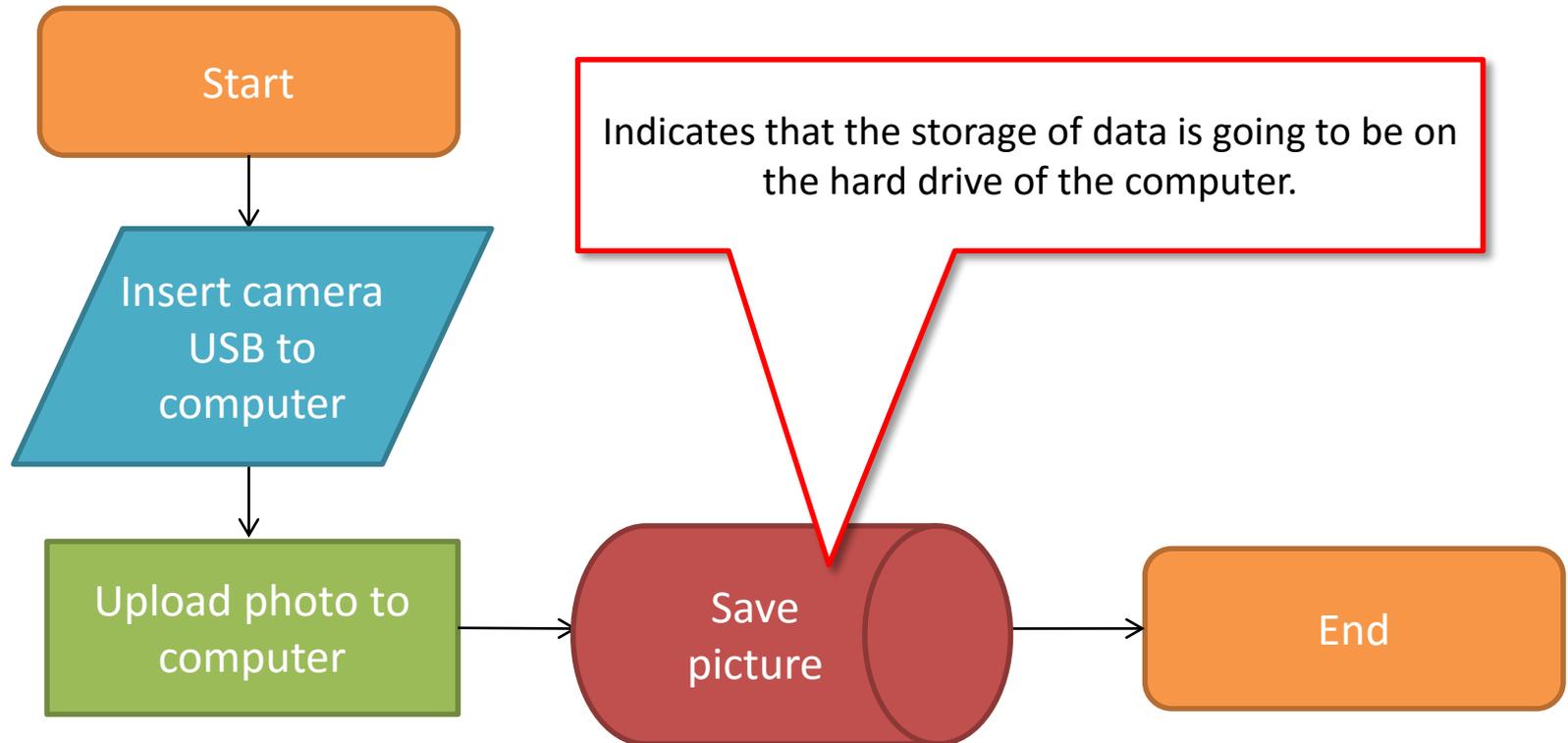
Display indicates that something is going to be visually outputted to the user.

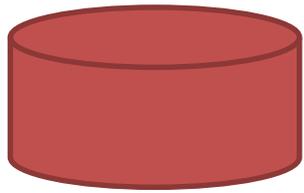


This symbol is used because data is being displayed to the user as a result of the process.

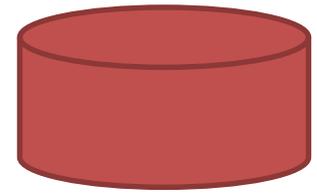
Direct Access Storage

Direct Access Storage indicates that there is something being saved to a hard drive.

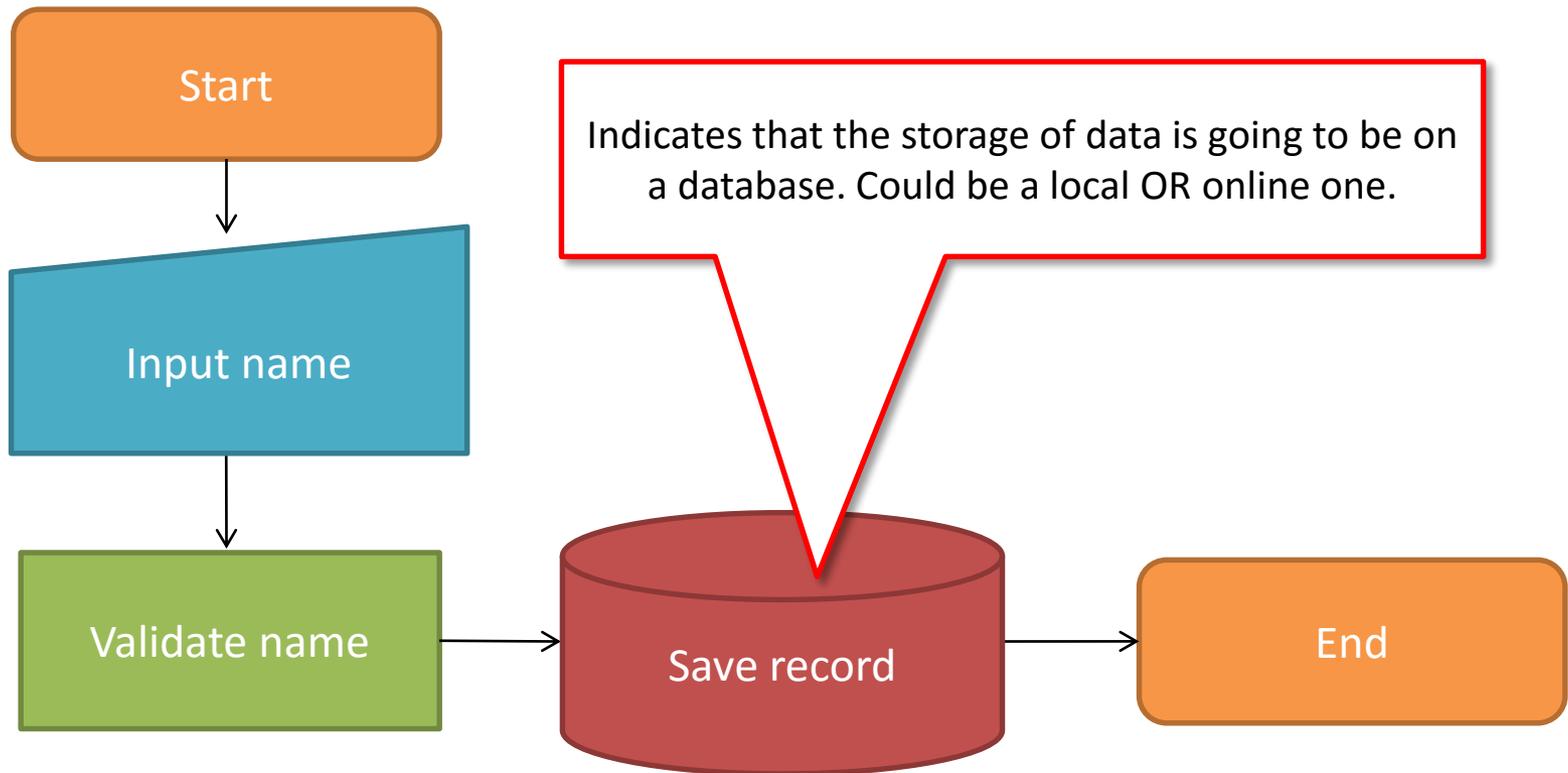


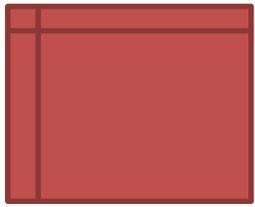


Database

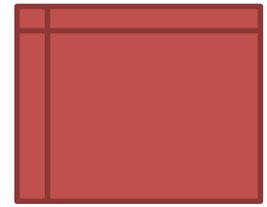


Database indicates that we will be saving data to a database.

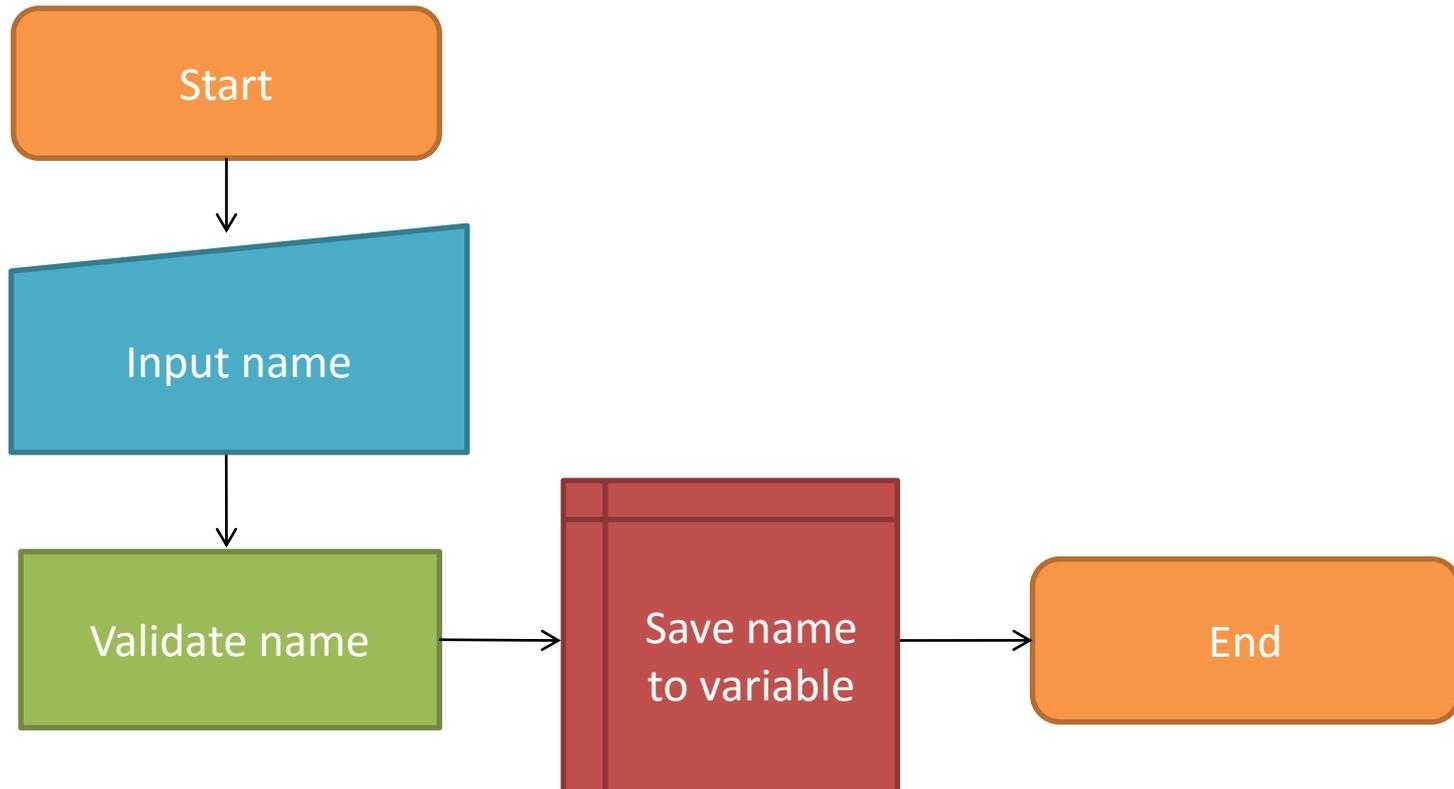




Internal Storage



Internal Storage indicates that there is a temporary storage of variables or information (in the RAM). Normally this is used only with programming.



Tips for BEST MARKS!

- ✓ Using the more specific shapes we have looked at in this correctly will make your flowchart look more professional. However, be careful not to overload it with senseless symbols!
- ✓ Knowing when to use a specific shape and when to use a general one can be tricky; always go with what you are most sure about. It is not a competition to use the most shapes in one flowchart.