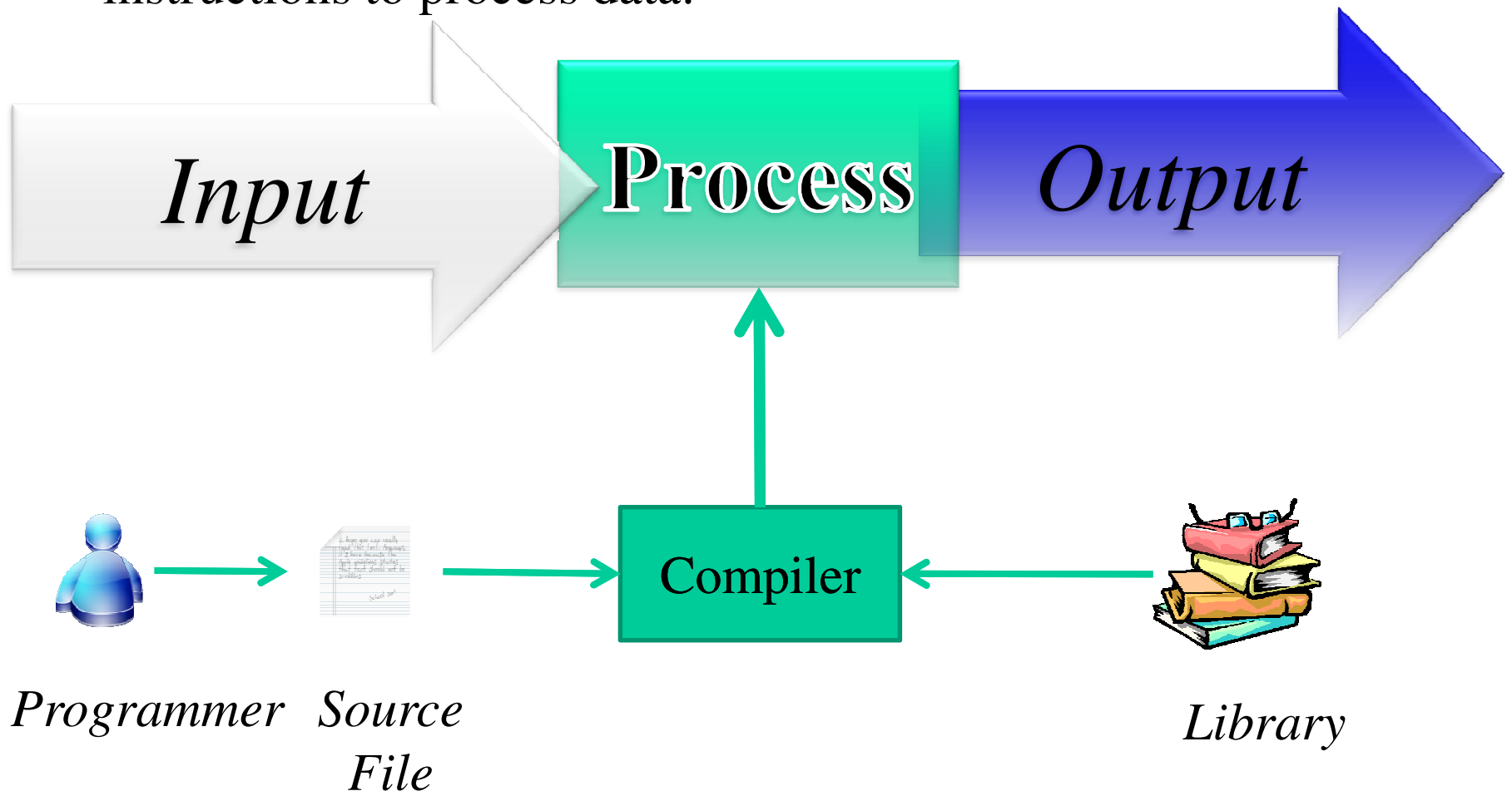


Information problem...

- Recall that we solve problems by writing computer instructions to process data:



Visual Basic is “Visual”

- Because it can use a window user interface to get numbers and text for input and to show as output.



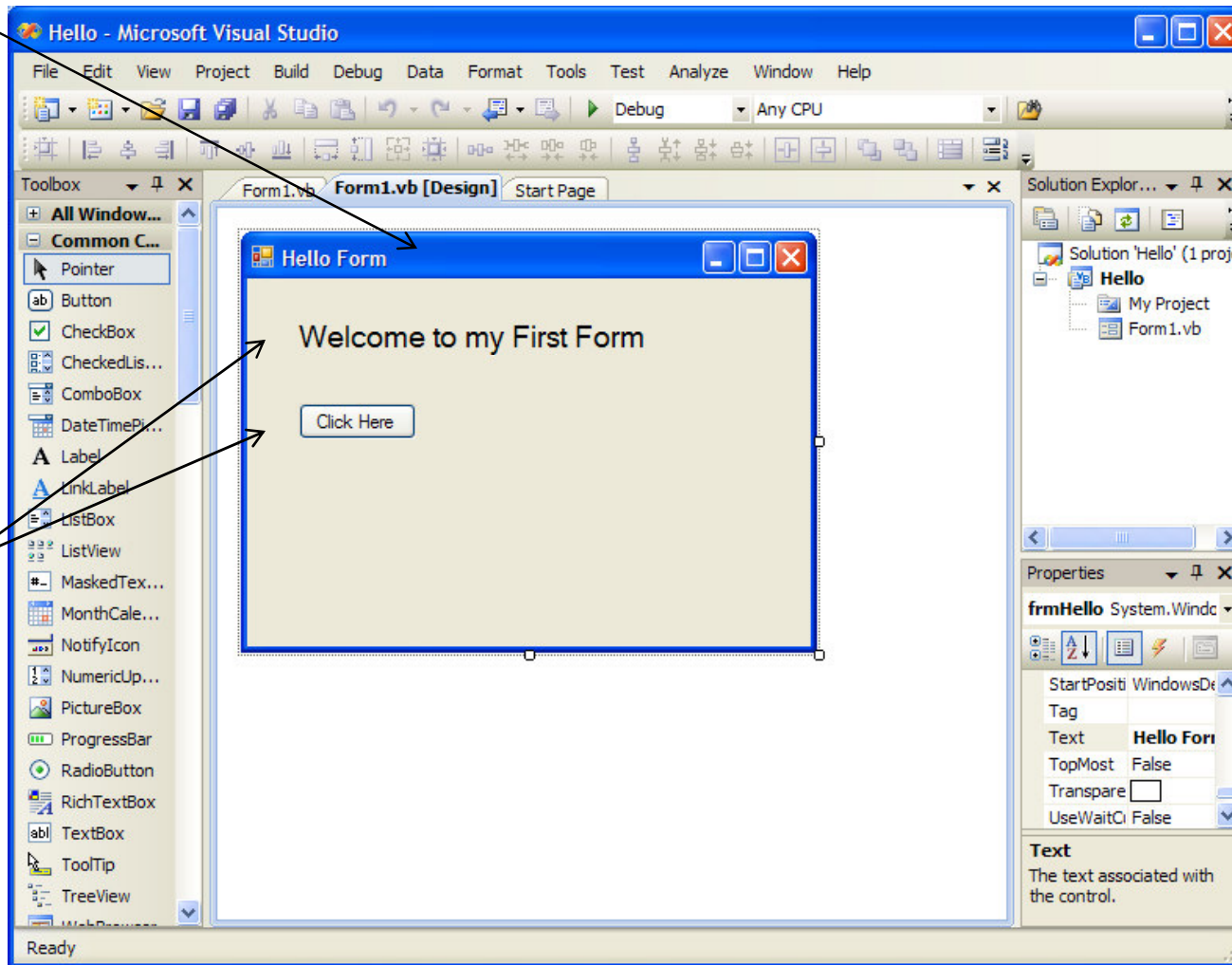
Visual Basic programming model

- Visual Basic programs are executed in response to a user action, such as clicking on a button
 - This is an **event** model of computation
 - When the user **triggers** an event (such as clicking a button or other user interface motion), an **action** occurs which makes a Basic program execute
- Initiating computation in Visual Basic
 - Designate a user interface as the starting interface
 - Visual Studio calls the user interfaces **forms**
 - Place one or more button objects on the interface and put the computations as the actions of the click events

Objects in the Visual Basic window

Form

Objects



Properties

Event Program

Event Program for
“Button Click”

