## Start

### MainForm\_Load Event

* Actions:
  + Set tab order

### btnDisplay\_Click Event

* Actions:
  + Read user input into itemNumber
  + Define validColors as "rgbw"
  + Determine color based on the third character of itemNumber:
    - If "r", set color to "Red"
    - If "g", set color to "Green"
    - If "b", set color to "Blue"
    - If "w", set color to "White"
    - Otherwise, set color to "Invalid"
  + Check if itemNumber has exactly 5 characters:
    - If not, display an error message and focus on txtItem
    - Otherwise, proceed to the next check
  + Check if the third character of itemNumber is in validColors:
    - If not, display an error message and focus on txtItem
    - Otherwise, proceed to display the color
  + Display the determined color in lblColor

### txtItem\_TextChanged Event

* Actions:
  + Clear the text in lblColor when the text in txtItem changes

### txtItem\_Enter Event

* Actions:
  + Select all text in txtItem when it gains focus

### MainForm\_FormClosing Event

* Actions:
  + Confirm exit when the form is closing
  + If the user doesn't want to exit, cancel the form closing

### btnExit\_Click Event

* Actions:
  + Close the application