

# Introduction to Programming

AppStudio  
GUI & Code

# Program Planning

- Terms & Vocabulary
- Tools & Platform(s)
- Language Selection
- User Requirements
- Screen Design (GUI)
- Code: HTML, CSS, JavaScript, DB
- Schedule & Resources \$

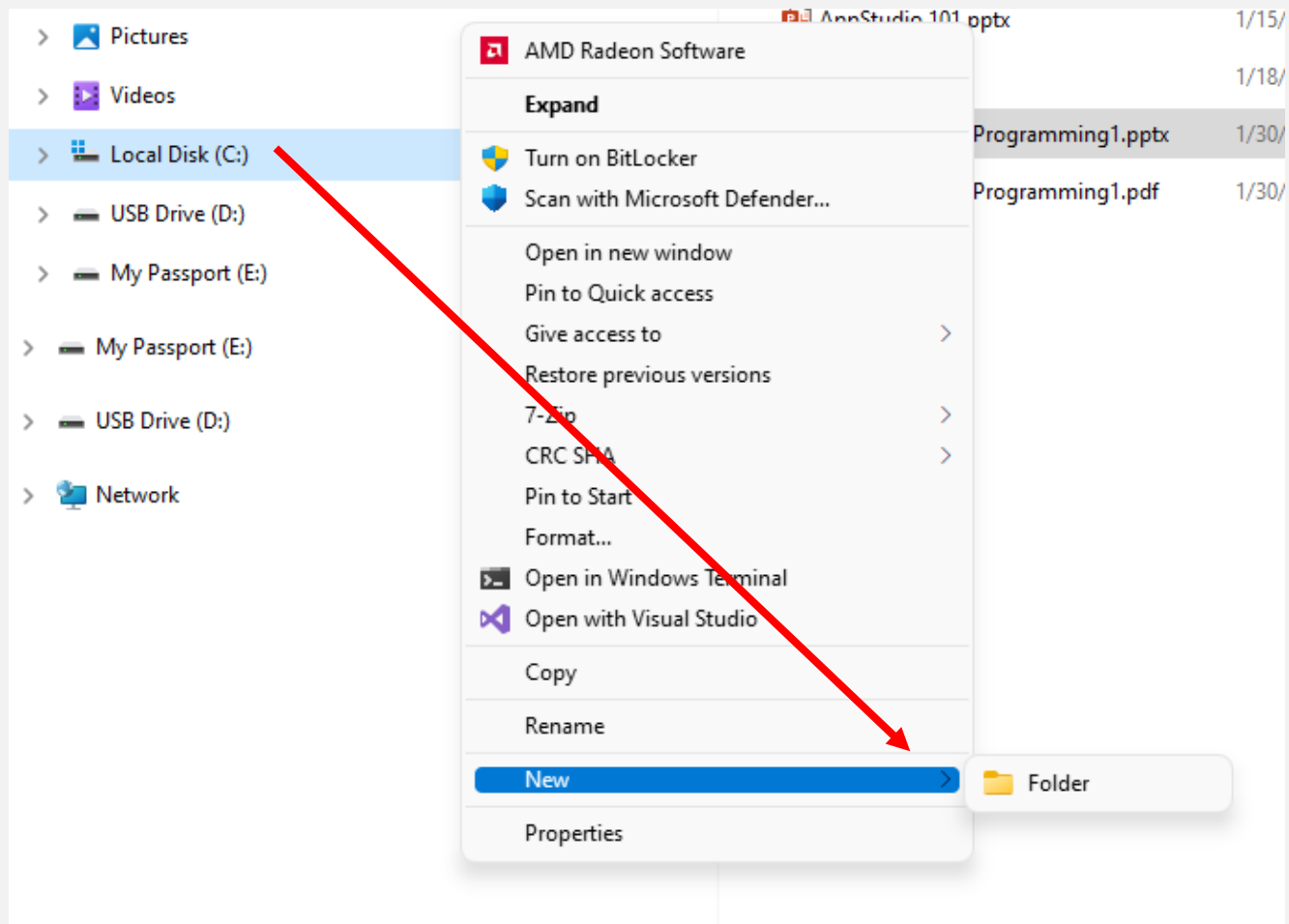
# Program Terms & Vocabulary

- App: Location & Name
- Files/Directories/Names
- Forms (Screens)
- **Objects**
- **Properties**
- **Events**
- **Methods**

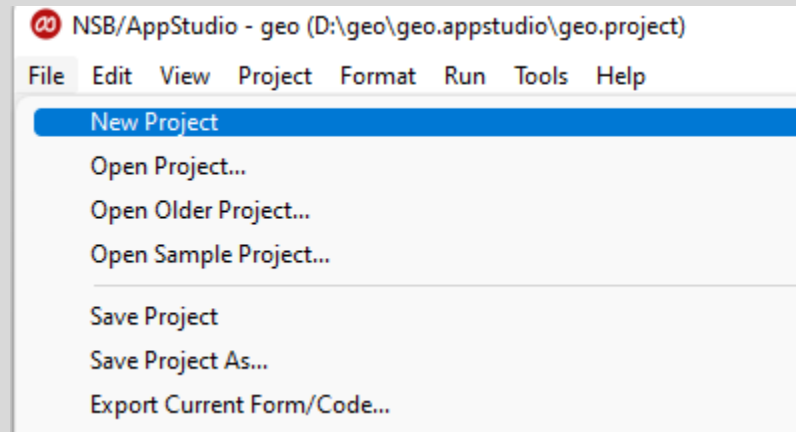
# Good Practices

- Start with last known 'good' version
- DO NOT SAVE until app runs w/o errors
- SAVE when app works as planned
- If your app stops working...EXIT w/o saving
- Restart app with last known 'good' version
- Always know where to find the app file!!!
- Use Language Index!!!!

# Create & name directory

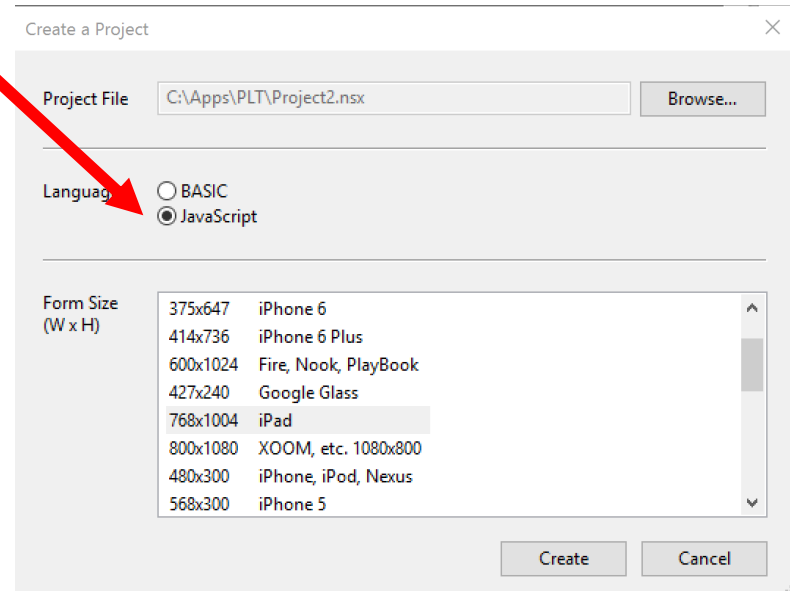


# AppStudio New Project

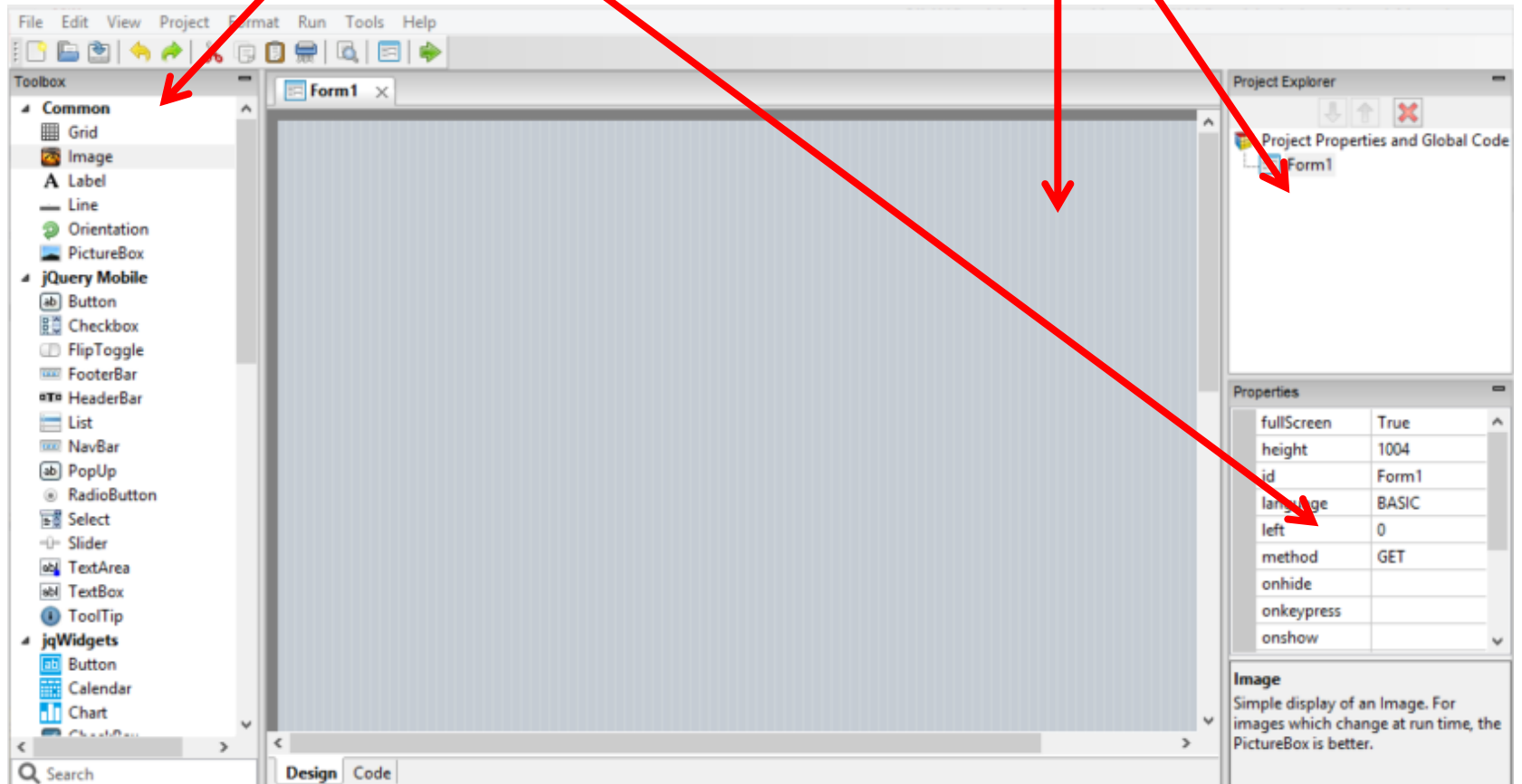


# New Project Process

- Start NSBasic
- Select New
- **Select JavaScript**
- Select Target Size
- *Design & Code*



# Tools & Workbench



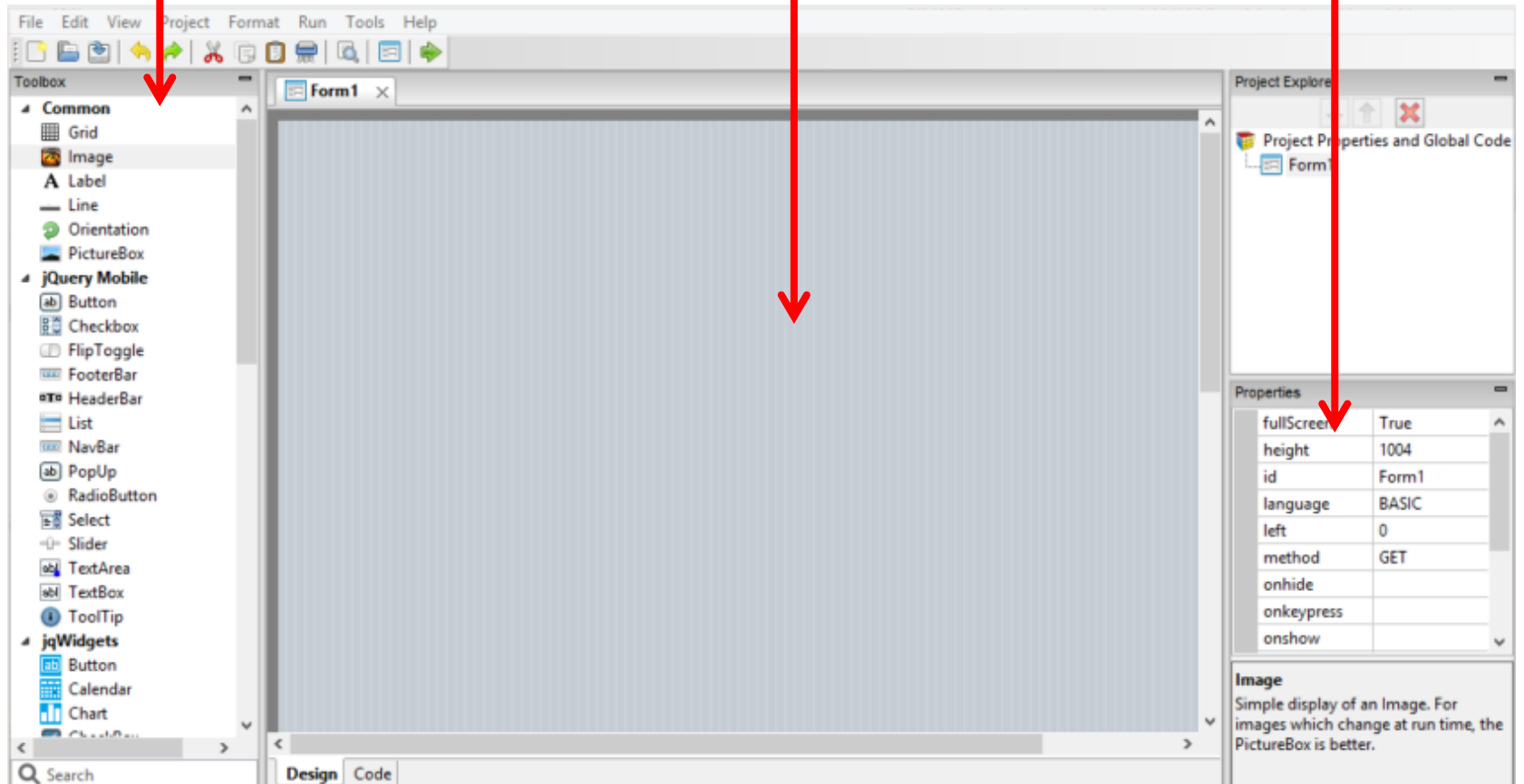


# Tools & Workbench

Objects Here

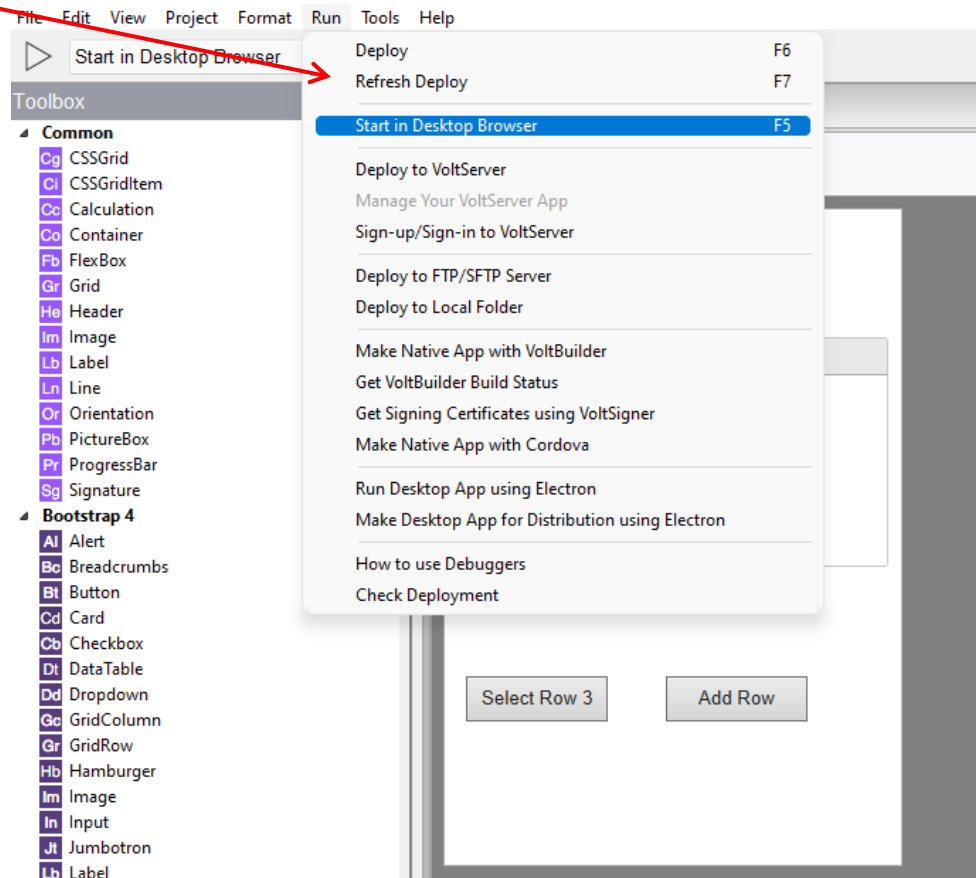
GUI/Methods here

Properties and Events Here

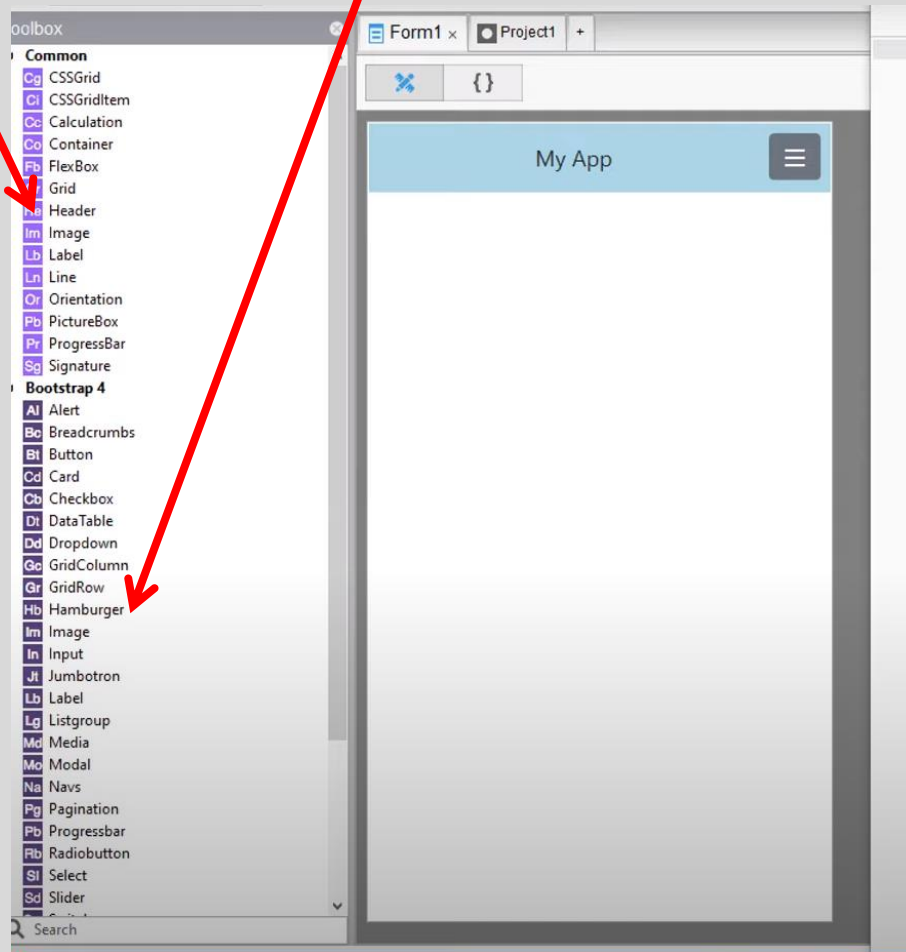


# Run your program!

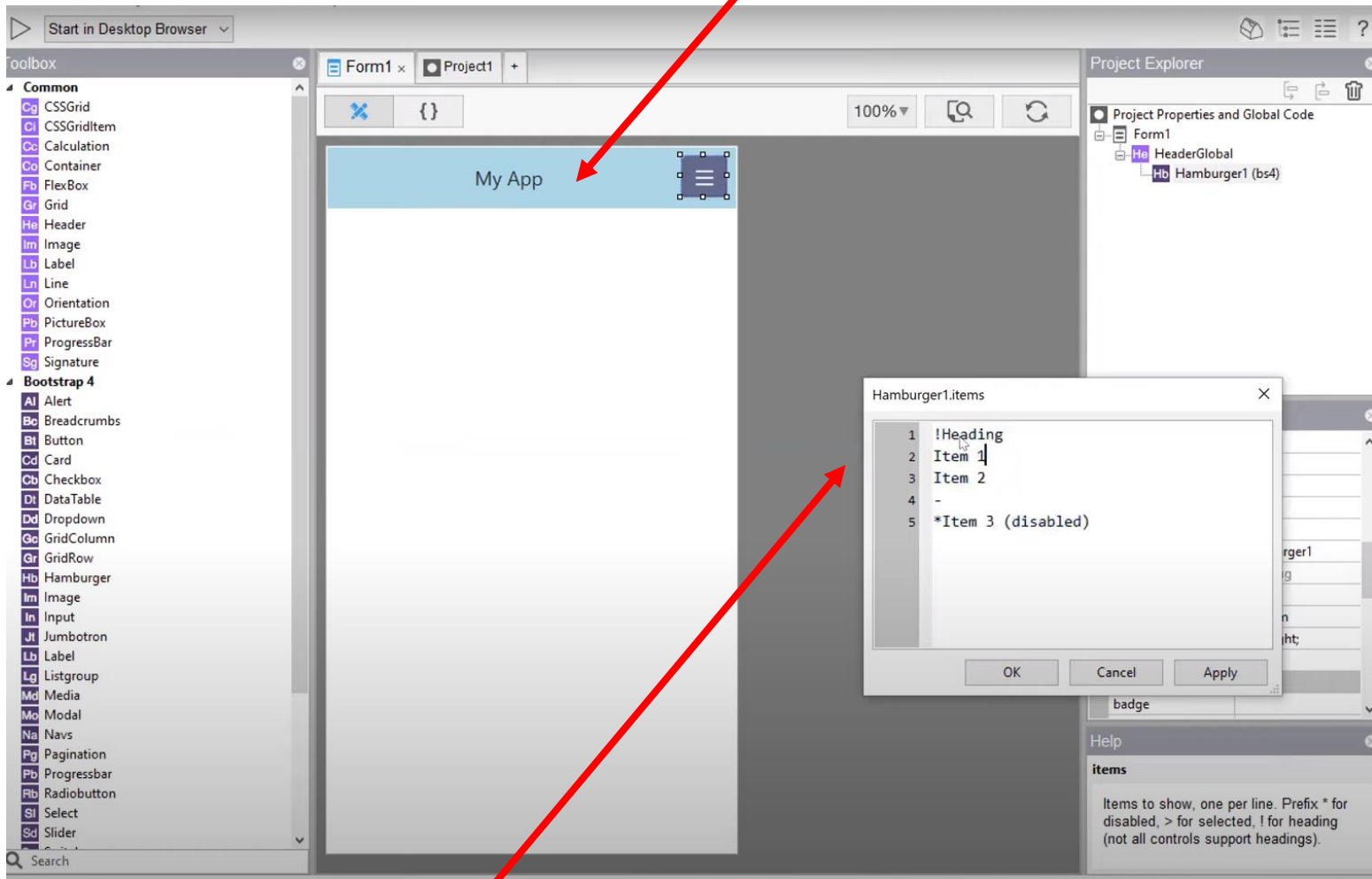
- Run Menu Choices



# Add Header & Hamburger to form1

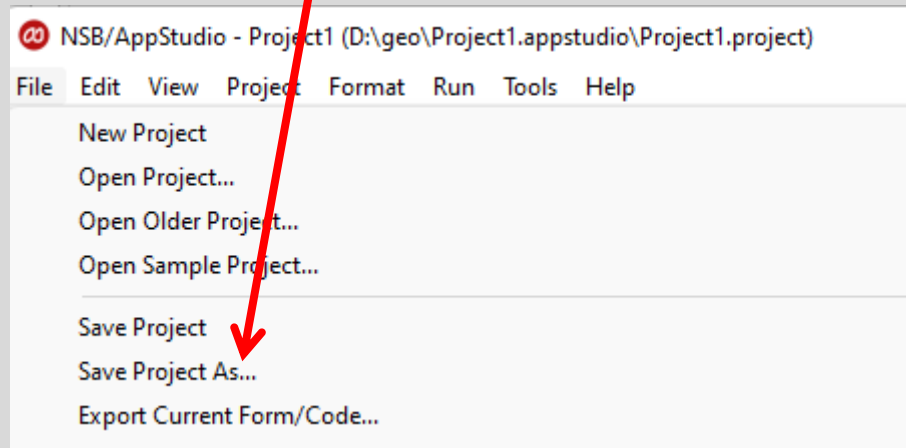


# Set properties of Header & Hamburger



Set Hamburger properties/items

# Save Project as ?????



# NS Basic Tutorials

## AppStudio Video:

<https://www.youtube.com/watch?v=w-SdZrDvtNU>

## Project Tutorial:

[https://www.youtube.com/watch?v=llgE3pa2Lw0&list=PL8i8WWz1\\_ePYj8JL3HkfJ43zy94ouLoq&index=3](https://www.youtube.com/watch?v=llgE3pa2Lw0&list=PL8i8WWz1_ePYj8JL3HkfJ43zy94ouLoq&index=3)