



Easily resizable forms for any screen resolution in Visual Studio

This tutorial takes the developer through a way to create resizable forms in Visual Studio with NO CODING Required.

 Difficulty Easy

 Duration 10 minute(s)

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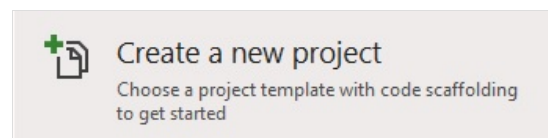
Comments

Introduction

if you have issues with certain screen resolutions cropping off buttons and need to design a form which works at all resolutions, and also allows the user to resize parts of the form, then this tutorial will help.

Step 1 - Create a new project

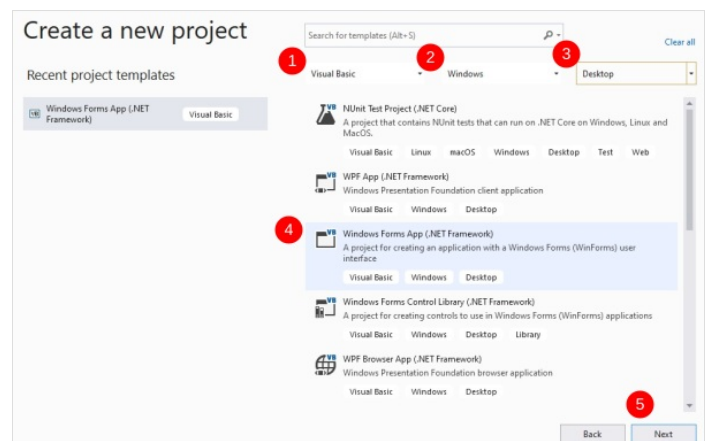
On the start screen in Visual Studio, click on the "Create a New Project" button.



Step 2 - Project Type

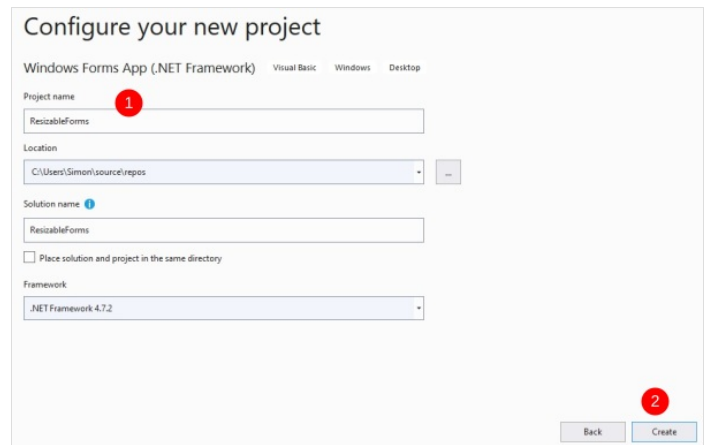
From the next screen

1. Select Visual Basic from the First Drop Down
2. Select Windows from the Second Drop Down
3. Select Desktop from the Third Drop Down
4. Click on the Windows forms app to Highlight it
5. Click Next



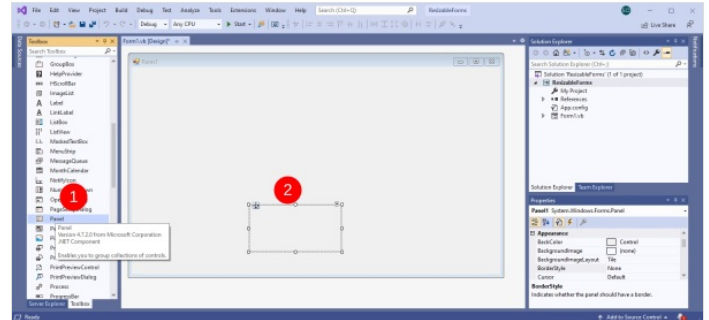
Step 3 - Project Name

Give your project a name, then click on Create



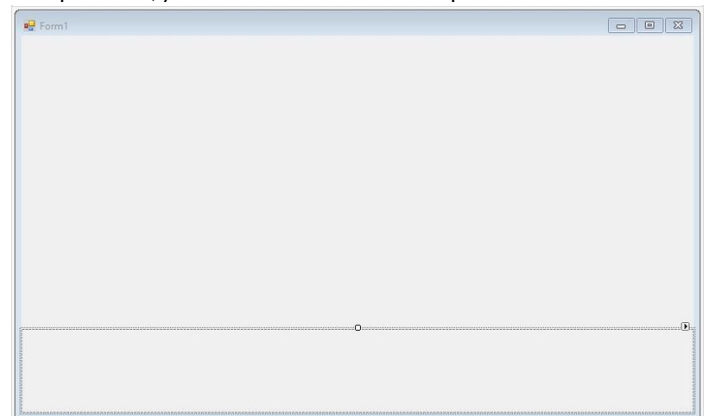
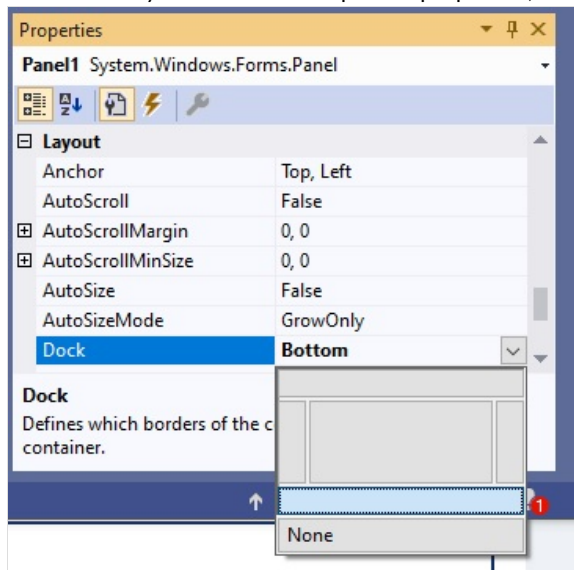
Step 4 - Create the First Panel

Add your first panel to the page by clicking on the panel option in the toolbox area, then clicking anywhere on the form.



Step 5 - Dock the Panel

Within the Layout section of the panel 1 properties, select Dock Bottom as in picture 1, your screen should look like picture 2



Step 6 - Add a sub-panel

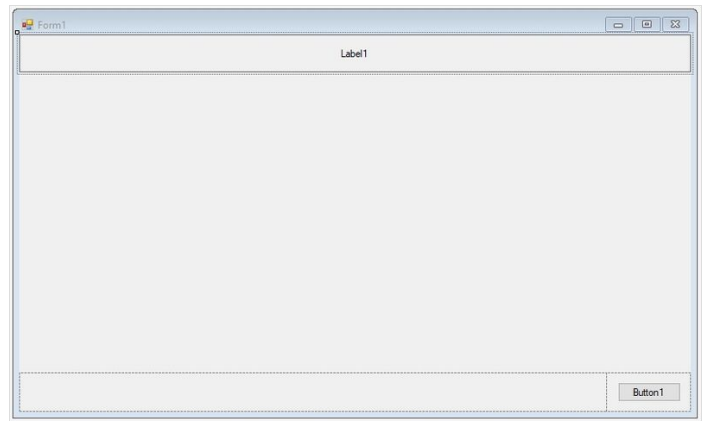
Add a new panel inside the existing panel by clicking on panel in the toolbox and clicking anywhere within panel 1, this will create panel 2, in its format properties, dock this to the right. then add a button into panel 2.

Your screen should be similar to the picture shown.



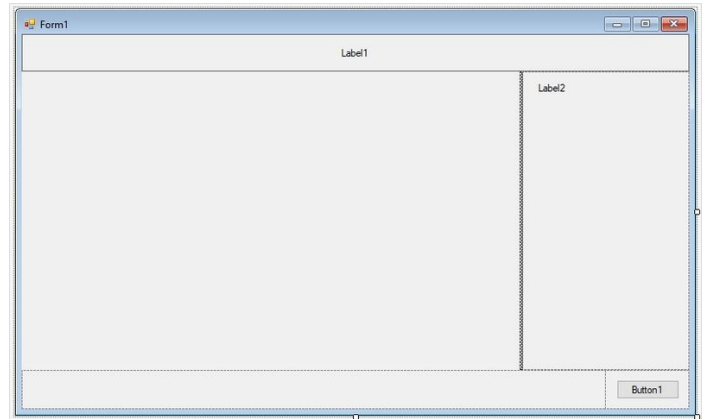
Step 7 - Create a Header

Add a panel in the main portion of the form, and dock it to the top, Insert a label into this panel (panel 3) and set properties as follows
Dock: Fill, (the centre box)
AutoSize: False
Text Align: Middle Centre
Border Style: Fixed Single
you should see your form as the picture



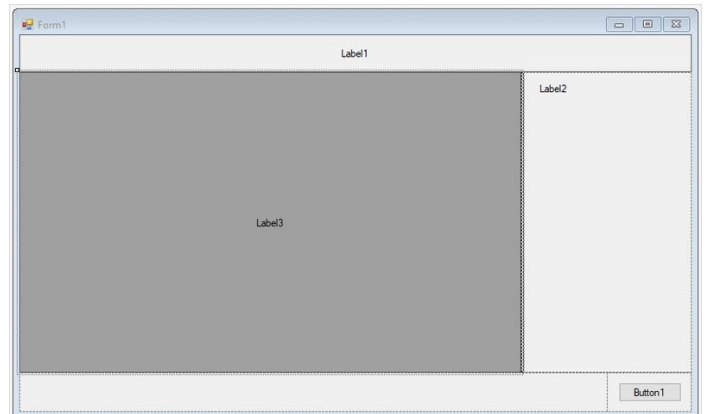
Step 8 - Create A Right Panel with a Splitter

create another panel in the area between the header and footer, dock it to the right. Note that because this panel was placed after the header and footer panels, it only fills the area between them. Being to Front and Send to back will amend this. To the left of this, add a splitter, then dock that to the right as well. Add a label into the right hand panel



Step 9 - Fill the Rest

Add a label to the left of the splitter and set the properties as follows
AutoSize: False
Text Align: Middle Centre
Border Style: Fixed Single
Back Colour: Control Dark
Dock: Fill



Step 10 - Run The Project

Compile and run the project by clicking on the start button

resize the running form, note how the button stays in the bottom corner and everything resizes and centralizes to suit the form

position your mouse on the line between the right panel and label 2, click the left mouse button and you will see the icon change to a splitter icon, you can resize the right hand panel in the running program by dragging the mouse from left to right while holding the left mouse button.

Was'nt that Easy?

