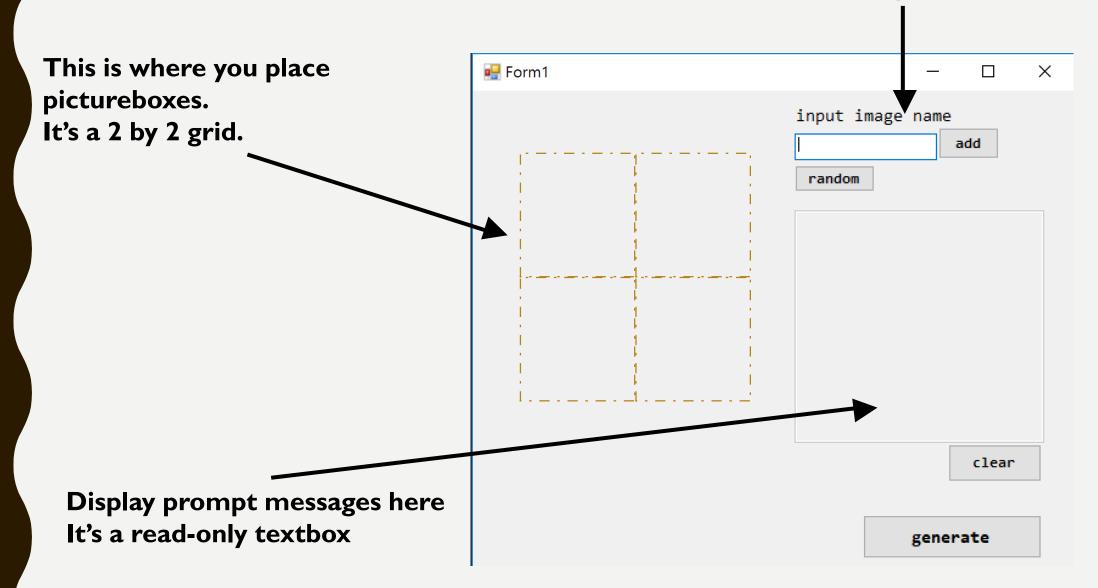
PRACTICE 5-1: MINIGALLERY

COMPONENTS YOU MAY NEED TO USE

- Picturebox
- Textbox (read-only)
- Random object
- Buttons
- Imagelist

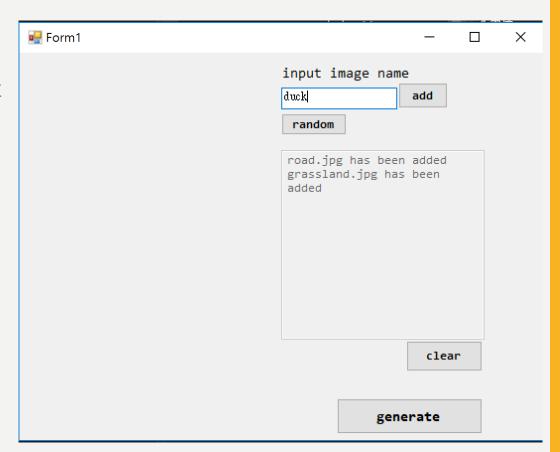
EXAMPLE INTERFACE

Input the name of the image you wish to display here



- Add image manually by entering image names
- Also show prompt message in the read-only textbox
- JPG Images are provided by TAs

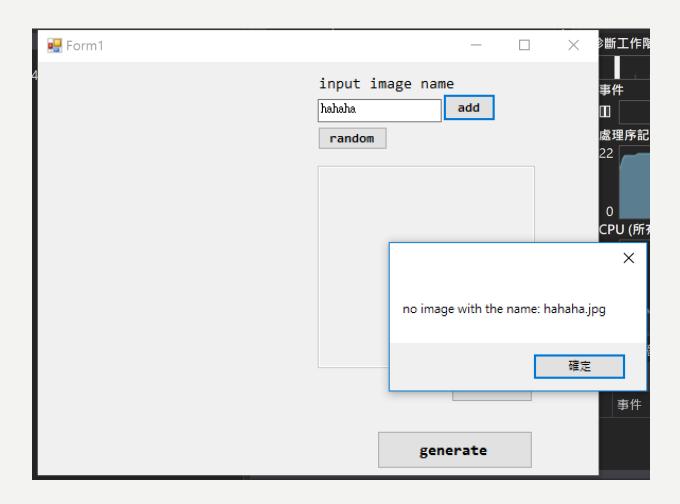
(6 images: road, duck, grassland, church, boat, bridge)



REQUIRED FEATURES - 1 (CONT'D)

You need to handle the following exceptions:

- non-existing filenames



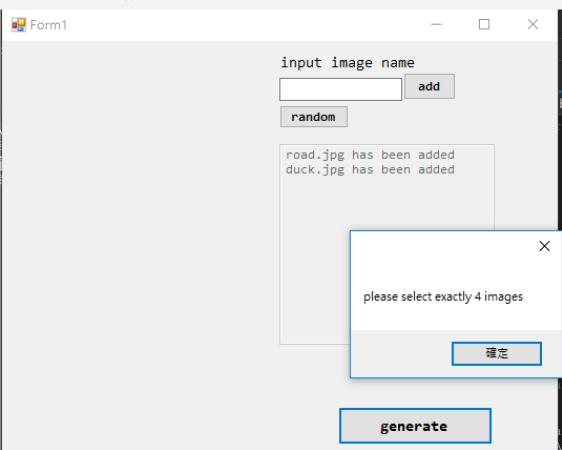
REQUIRED FEATURES - 1 (CONT'D)

You need to handle the following exceptions:

- Manual input has to be exactly 4 images (since there are 4 gallery slots)

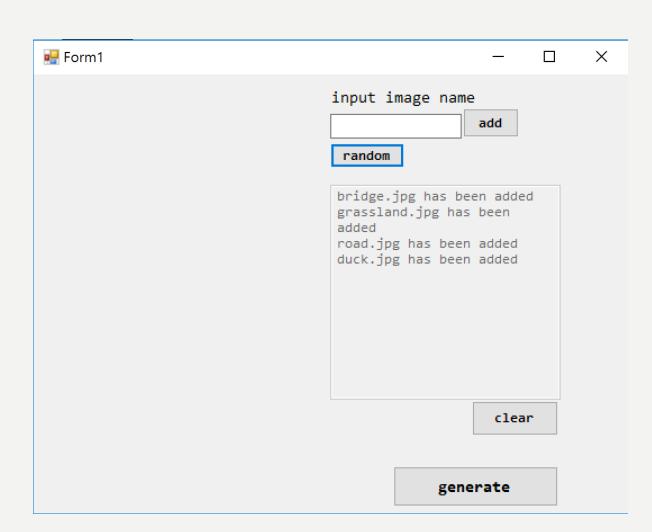
(with more or less images, the program needs to raise a warning)



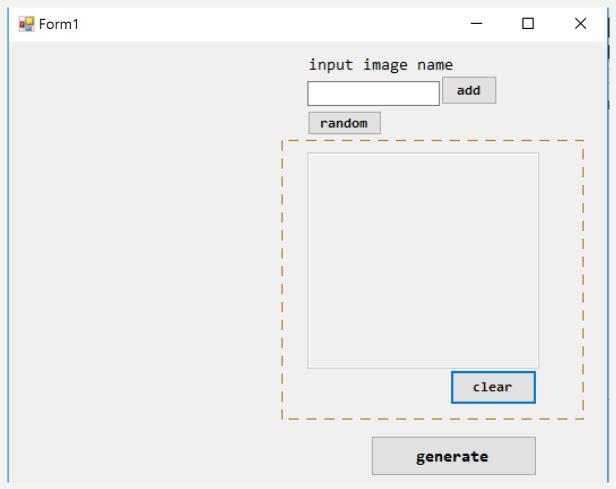


- Your application has to be able to randomly select 4 images for users

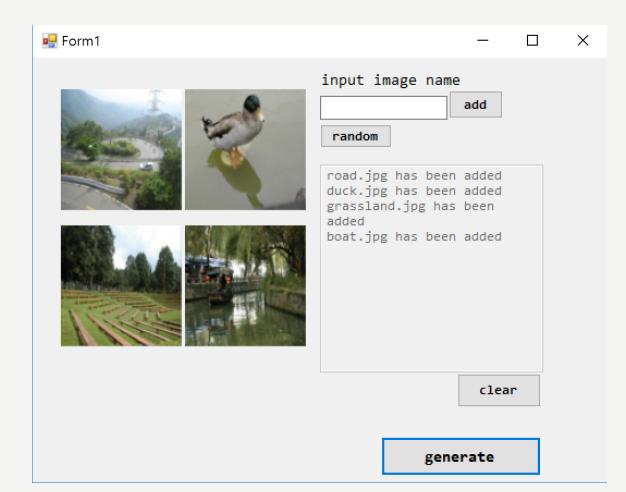
(with the "random" button)



- Also, allow users to clear their selections (for user to manually select images again)



- Finally, as users confirmed their choice, press "generate" button to display the custom mini gallery on the left side



NOTICES

- Remember to handle the mentioned exceptions (non-existing filename & exactly 4 images can be selected)
- Also, please use [relative file path] or else your application won't correctly execute while we grade your assignment

HINT

- For "random selection", you can simply randomize from a fixed set of choices (for me, I randomized from a string array containing "duck", "road", etc.), since we haven't taught [file handling] yet.
- Imagelist is recommended for you to manage your images with less effort

PRACTICE 5-2: MEME GENERATOR

COMPONENTS YOU MAY NEED TO USE

- Tabcontrol
- Labels
- Picturebox
- Radiobuttons
- Buttons
- Random object

FOR YOUR KNOWLEDGE

- A meme looks a bit like this
- A relatable sentence + a picture = meme

when you're trying to tell a story but you keep getting interrupted



EXAMPLE INTERFACE

₽ Form1 X Use tabcontrol to customize font style sentences your meme (font styles, images, ○ Excuse Me sentences) O Evil Patrick O Doge random select Meme sentence goes here This is where you place the picturebox for the meme image.

- Tabcontrol contains 3 tabpages:
- I. image tab
- 2. font style tab
- 3. sentence tab
- P.S. Images / sentences are provided by TAs
- (but if you'd like to make your meme generator with your own images / sentences, that's fine too)

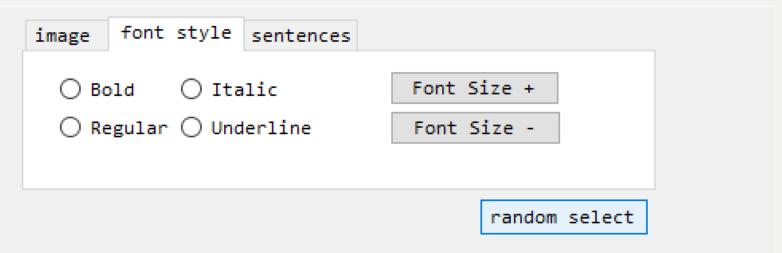
REQUIRED FEATURES — 1 (CONT'D)

- Image tab
- Contains radiobuttons for selecting one image

<pre>O Just Do It</pre>
○ Evil Patrick ○ Doge
random select

REQUIRED FEATURES — 1 (CONT'D)

- Font tab
- Contains radiobuttons for selecting one font style (also allows user to adjust font size)



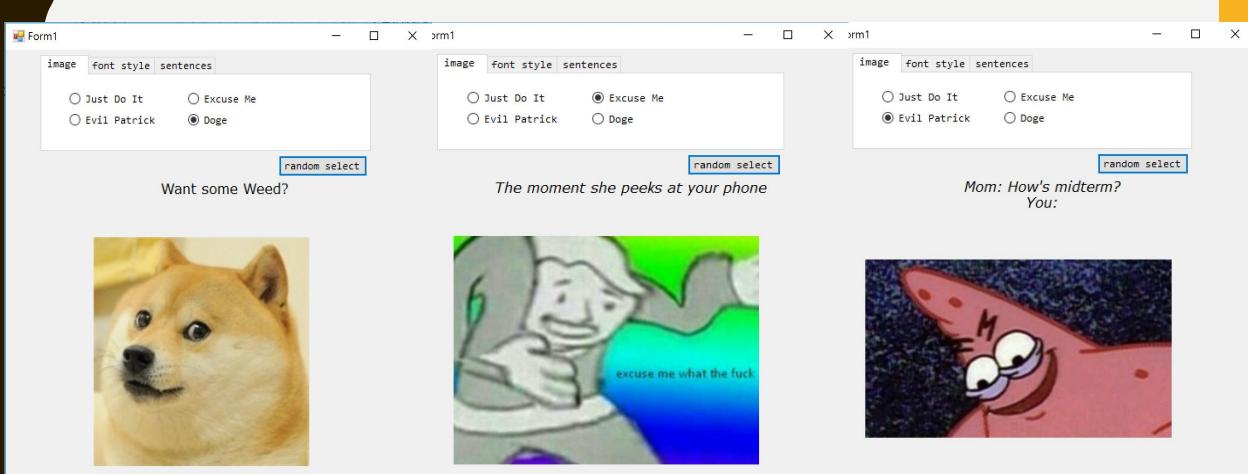
REQUIRED FEATURES — 1 (CONT'D)

- Sentences tab
- Contains radiobuttons for selecting one sentence

image font style	sentences	
<pre> Want Some Weed? Mom: how's midt The moment she Professor: This</pre>	erm? You: peeks at yo	You:
		random select

- Your application has to be able to randomly generate a meme (By using the "random select" button)

SOMETHING LIKE THIS....



NOTICES

- No matter what images you're using, be sure to use [relative file path]
- Please align your meme sentence label to the middle whenever user changes the font size.

(using some quick math, it won't be too hard)

Q & A