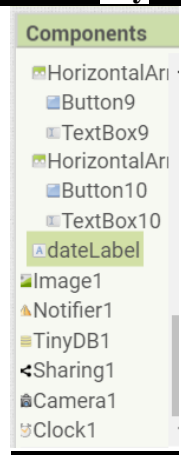
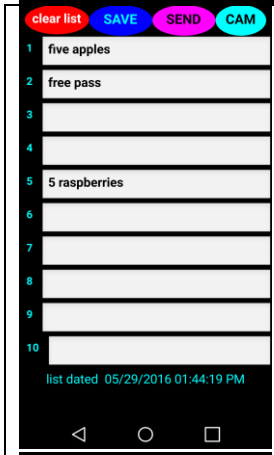


Lab 11b Simple To Do List by Nathan Chao



This lab app allow you to replace scribble papers in jotting down address, phone no., shopping items etc and saves it for you. You can extend it by being able to attach pictures and ability to send the entire list to someone else.

At left you can see the components used to build the app. Each textbox is next to a number button. The btutton has no function in this app. It is used in the more advanced version where is can clear or paste items from on text box to another.

All the blocks you need for the basic app is shown below. To get higher grade than C you need to add extra features that will be listed below and hand in report documenting how your extra features work with block descriptions.

In the hint property for top 3 text boxes, put in This app is by your name.

Grade	Feature description
C	Get basic app working with added ability to use number button to cut and paste individual entries.
B	Add camera and ability to send list and image to my email during in class demo and complete report template and answer questions that will be on final quz at end of semester. See Lab 3 for help.
A	Multiple lists and the ability to pick and choose from different types of lists to save data along with report as described above in B

You can download working versions of the more advanced memopad app apks from Blackboard so you can see how they work.

Lab 11b Simple To Do List Report template

Title of this App

1. Describe what this app is about.

2. Different screenshots of the App

Initial Screen Image	Sample run screen image 1	Sample run screen image 2
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3. Block program function and step description

Single blocks with pieces inside	Describe in detail what each piece in the block do for the app
Show program block here	This block checks to see if any list was previously stored. If not, an alert message is delivered. If a list was stored, it will display it in the apps textboxes. Describe each inside block on how it accomplishes the above.
	This block assembles all the textboxes into a list. After assembly, the list is stored away with nametag "todo" Describe each inside block on how it accomplishes the above.
ClearButton click block here	a. Describe in detail what happens when this button is clicked b. and how the interior block carries it out
Notifier after choosing blocks	Describe all the actions that this block accomplishes.

4. Answer the final exam questions below.

Final exam questions based on this lab that you need to answer.

1. Any app with saved data will load that data as soon as the app starts.

How is an error prevented if there was no previous data stored when the app is trying to retrieve it.

2. The Notifier component is used in 3 different ways in this app.

a. simple way description?

b. How does it prevents accidental permanent deletions?

c. how does it allow one button to have multiple function?

3. a. What procedure or subrouting is used in this app.

b. How is this procedure activated or run in this app.