

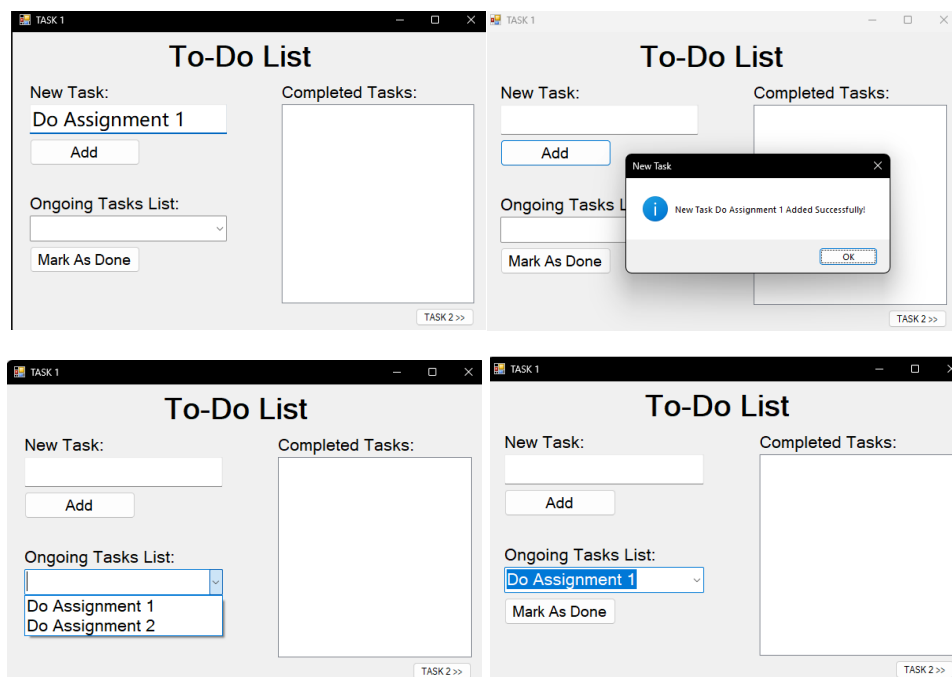
Task 1: Basic To-Do List

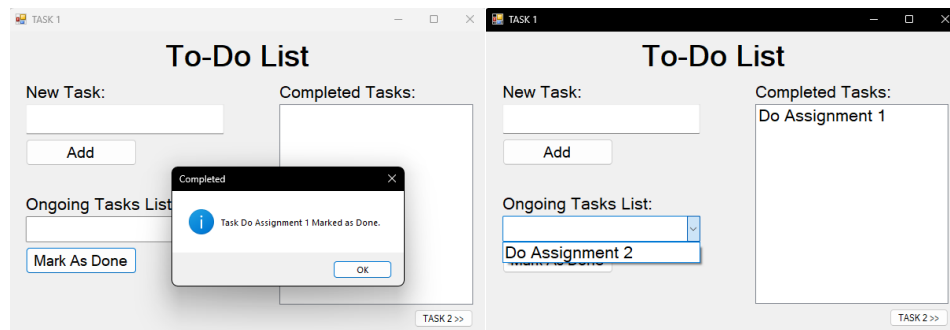
Create a basic To-Do list application that allows a user to add new tasks, mark tasks as done, and display both ongoing and completed tasks on certain types of form controls. Your application should contain at least the following form controls:

- TextBox
- Label
- Button
- ComboBox
- ListBox

When a new task is captured through a textbox, it should then appear in the combobox of ongoing tasks. A user can select one of these tasks from the combobox then mark it as done; the task marked as done should be removed from the ongoing task list, and be placed into the completed tasks listbox. Also create a new form for the task 2, in the task 1 form, create a button that will redirect the user to the second form then hide the first form as shown in the following screenshots.

You may customize the application according to your preferences given that the basic functionality is accomplished. Refer to the following examples of the running application:





Task 2: Simple Vehicle Rental Application

Create a simple vehicle rental application similar to that of the previous activities, only this time you will provide the GUI for the application. Your application should contain at least the following form controls:

- TextBox
- Lable
- PictureBox
- GroupBox
- RadioButtons
- Buttons
- ComboBox
- ListBox

Your application should take the first and last names of a user, their selected vehicle, the number of days they plan to rent the vehicle, and their payment. The maximum number of days for the rental period should be 14 days. Your application should be able to compute the total rental amount based on the following criteria:

- The base rental cost is 50 per day
- For each vehicle type, the following additional costs will be added per day
 - Car = 20 per day
 - Boat = 15 per day
 - Bike = 10 per day

The picturebox in your application must change its image based on the selected vehicle of the user. Your application should be dynamic, every time the number of days is changed, or the vehicle type is changed, the total amount must be immediately reflected. After filling out the necessary fields, when the confirm button is pressed, a summary of the transaction must appear on the listbox. For every transaction completed or when the clear button is pressed, all the fields must be cleared of any content. Refer to the following screenshots of the running application:

TASK 2


<Your Name> Vehicle Rentals

Client First Name

John

Client Last Name

Doe



Vehicle Type

☒ Car

☐ Bike

☐ Boat

No. Of Days

4

Payment

280

Total Amount:

280

Confirm

Cancel

Summary

Payment

You have paid a total of 280


OK

TASK 2

<Your Name> Vehicle Rentals

Client First Name

Client Last Name



Vehicle Type

☒ Car

☐ Bike

☐ Boat

No. Of Days

Payment

Total Amount:

Confirm

Cancel

Summary

Doe, John ----- Vehicle: Car ----- Total: 280 ----- Amount Paid: 280

TASK 2


<Your Name> Vehicle Rentals

Client First Name

Jane

Client Last Name

Vex



Vehicle Type

☐ Car

☒ Bike

☐ Boat

No. Of Days

3

Payment

150

Total Amount:

180

Confirm

Cancel

Summary

Doe, John ----- Vehicle: Car ----- Total: 280 ----- Amount Paid: 280

Payment

You have paid a total of 150, with an outstanding balance of 30


OK

TASK 2

<Your Name> Vehicle Rentals

Client First Name

Client Last Name



Vehicle Type

☐ Car

☒ Bike

☐ Boat

No. Of Days

Payment

Total Amount:

Confirm

Cancel

Summary

Doe, John ----- Vehicle: Car ----- Total: 280 ----- Amount Paid: 280
Vex, Jane ----- Vehicle: Bike ----- Total: 180 ----- Amount Paid: 150

TASK 2


<Your Name> Vehicle Rentals

Client First Name

Carl

Client Last Name

Philips



Vehicle Type

☐ Car

☐ Bike

☒ Boat

No. Of Days

10

Payment

650

Total Amount:

650

Confirm

Cancel

Summary

Doe, John ----- Vehicle: Car ----- Total: 280 ----- Amount Paid: 280

Vex, Jane ----- Vehicle: Bike ----- Total: 180 ----- Amount Paid: 150

Payment

You have paid a total of 650


OK

TASK 2

<Your Name> Vehicle Rentals

Client First Name

Client Last Name



Vehicle Type

☐ Car

☐ Bike

☒ Boat

No. Of Days

Payment

Total Amount:

Confirm

Cancel

Summary

Doe, John ----- Vehicle: Car ----- Total: 280 ----- Amount Paid: 280

Vex, Jane ----- Vehicle: Bike ----- Total: 180 ----- Amount Paid: 150

Philips, Carl ----- Vehicle: Boat ----- Total: 650 ----- Amount Paid: 650