

## C++ Windows Forms Application Lab #1

Steps:

1. Create a C++ windows forms application that matches

- a.
- b. Have Car, Airplane, Boat, and Helicopter in the collection of the vehicle combo
- c. Have at least 5 colors in the color combo
2. In the code for the cancel button, close the application
3. In the code for the cost? Button, do the following steps
  - a. if the value of the vehicle combo is Car then display \$60 in a message box
  - b. if the value of the vehicle combo is Airplane then display \$120 in a message box
  - c. if the value of the vehicle combo is Boat then display \$100 in a message box
  - d. if the value of the vehicle combo is Helicopter then display \$95 in a message box
4. In the code for the Order button
  - a. Display a message box that says "Order placed"
  - b. Close the application
5. Do a screen print of your application and print the Form1.h code and turn it in with this document

Name: \_\_\_\_\_

Item	1	2	3	4	5
Number of items missed in GUI	4	3	2	1	0
Use of tool tips? (3 points maximum)			Yes		
Items missed in design (if more than 2 missed, 0 points)			2	1	0
Code on buttons is properly commented					Yes
Copyright notification is on code					Yes
Spelling errors in GUI					No

Total : \_\_\_\_\_ out of 28.

A = 25 B = 23 C = 20 D = 17

## C++ Windows Forms Application Lab #2

Steps:

1. Create a C++ windows forms application that matches

- a.
- b. Have Roses, Tulips, Carnations, and Daisies in the collection of the main flowers combo
- c. Have at least 5 types (for example, Get Well, Sympathy, Happy Birthday) in the type combo
2. In the code for the cancel button, close the application
3. In the code for the cost? Button, do the following steps
  - a. if the value of the flowers combo is Roses then display \$50 in a message box
  - b. if the value of the flowers combo is Tulips then display \$40 in a message box
  - c. if the value of the flowers combo is Carnations then display \$35 in a message box
  - d. if the value of the flowers combo is Daisies then display \$30 in a message box
4. In the code for the Order button
  - a. Display a message box that says “Order placed”
  - b. Close the application
5. Do a screen print of your application and print the Form1.h code and turn it in with this document

Name: \_\_\_\_\_

Item	1	2	3	4	5
Number of items missed in GUI	4	3	2	1	0
Use of tool tips? (3 points maximum)			Yes		
Items missed in design (if more than 2 missed, 0 points)			2	1	0
Code on buttons is properly commented					Yes
Copyright notification is on code					Yes
Spelling errors in GUI					No

Total : \_\_\_\_\_ out of 28.

A = 25 B = 23 C = 20 D = 17

## C++ Windows Forms Application Lab #3

Steps:

1. Create a C++ windows forms application that matches

- a.
- b. Have Laptop, Tower, Desktop, and Handheld in the collection of the type combo
- d. Have at least 5 usages (for example, gaming, graphics) in the usage combo
2. In the code for the cancel button, close the application
3. In the code for the cost? Button, do the following steps
  - a. if the value of the type combo is Laptop then display \$3000 in a message box
  - b. if the value of the type combo is Tower then display \$2500 in a message box
  - c. if the value of the type combo is Desktop then display \$2000 in a message box
  - d. if the value of the type combo is Handheld then display \$1500 in a message box
4. In the code for the Order button
  - e. Display a message box that says "Order placed"
  - f. Close the application
5. Do a screen print of your application and print the Form1.h code and turn it in with this document

Name: \_\_\_\_\_

Item	1	2	3	4	5
Number of items missed in GUI	4	3	2	1	0
Use of tool tips? (3 points maximum)			Yes		
Items missed in design (if more than 2 missed, 0 points)			2	1	0
Code on buttons is properly commented					Yes
Copyright notification is on code					Yes
Spelling errors in GUI					No

Total : \_\_\_\_\_ out of 28.

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## C++ Windows Forms Application Lab #4

Steps:

1. Create a C++ windows forms application that matches

- a.
- b. Have Hawaii, Paris, Alaska, and New England in the collection of the destination combo
- e. Have at least 4 lengths (for example, 1 week, 2 weeks) in the length combo
2. In the code for the cancel button, close the application
3. In the code for the cost? Button, do the following steps
  - a. if the value of the destination combo is Hawaii then display \$2500 in a message box
  - b. if the value of the destination combo is Paris then display \$3000 in a message box
  - c. if the value of the destination combo is Alaska then display \$2000 in a message box
  - d. if the value of the destination combo is New England then display \$1500 in a message box
4. In the code for the Order button
  - a. Display a message box that says "Order placed"
  - b. Close the application
5. Do a screen print of your application and print the Form1.h code and turn it in with this document

Name: \_\_\_\_\_

Item	1	2	3	4	5
Number of items missed in GUI	4	3	2	1	0
Use of tool tips? (3 points maximum)			Yes		
Items missed in design (if more than 2 missed, 0 points)			2	1	0
Code on buttons is properly commented					Yes
Copyright notification is on code					Yes
Spelling errors in GUI					No

Total : \_\_\_\_\_ out of 28.

A = 25 B = 23 C = 20 D = 17