

COM 150-03 Introduction to Computer Programming

Program #4 – The Pet Project

Write a program that allows the user to vote for their favorite pet and properly count the votes.

Users can vote for one candidate:

- A. Dog
- B. Cat
- C. Fish
- D. Bird
- E. Exit and Show Totals

Use a single button to start the voting process. The button should prompt the user for an input box to begin voting.

Make sure to output the totals for each pet and determine the winner. Assume there are no ties. Display a picture of the winner!

In this exercise, you will:

- Create an algorithm
- Add controls to a Visual Basic Form
- Declare and Assign values to variables
- Use if Statements and relational operators
- Practice Using Loops
- Use the Visible Property
- Use a Input Box to Intake Information
- Use a MessageBox to Output Information
- Use a Listbox to Output Information

Instructions:

1. Before you code: Create the algorithm
 - a. Identify your inputs (vote button, inputbox, messagebox, listbox)
 - b. Identify the steps in your process
 - c. Identify your outputs

2. Create new Visual Basic Windows Forms Application named 'ThePetProject' and save it to your i:drive.
3. Design your form adding the necessary controls. Play with the control properties to change colors/backgrounds. Remember to show a photo of each pet to help the user vote! Use the photos provided in the 'assets' folder to place on your form or use your own images.
4. Write the code to allow the user to vote for their favorite pet and output the total votes for each pet.
5. Output the results of the vote along with the photo of the winner.
6. Save All, Compile and run your program
7. Upload the completed assignment to GitHub classroom.