Bauld Vegas Casino

The Final Project



In celebration of your upcoming completion of this computer programming course, it’s only right that we should produce a game illustrating the journey that you took in the last 75 days. To that end you will create a forms based casino using visual basic.

The game should include graphics that illustrates your journey as it started with Hello World and finished with graphics and automation.

Your project is due for presentation on Thursday, May 24th. You will work on this project from May 11th through May 23rd. You will have to design and code at least 8 forms. Your Casino can be more than 8 forms, but it must be at least 5 forms. For a form to be counted as a coded form it must contain at least 20 lines of code. Handlers do not count as code that you have written, unless you have modified the handler, in which case it will count as code you have written.

The following objects must be included in your project:

Buttons, Check List Box, Check Box, Combo Box, Label, List Box, Picture Box, Text Box, Radio Buttons, Group Box, Menu Strip, and Timer.

You are not limited to these object, but your project must include at least one instance of each object listed above.

The following statements must be included in your project:

If Then Else, For Next Loop, Do Loop, Do While Loop, Select Case Statement, Try Catch, Try Parse, Random Number Generator, Dim, Constant, Static, Strings, Integers, Decimal, Double, Math Operators, Counter, By Ref, Function, Single Dimensional Array, Convert To, &vbCrLf,

You are not limited to these statements, but your project must include at least one instance of each statement listed above. You may substitute a statement that was left off the list for one that is on the list that you can’t make work because it doesn’t fit into your code.

Suggestions for the game are provided below. These are programs that we wrote in class and you may find them helpful. Use your imagination (**Creativity**) to elaborate on what we’ve done in class. Use your **Critical Thinking** skills to develop the code to bridge your games together into one solution that represents a casino. **Collaborate** with your classmates to help you with problems you encounter while coding and debugging. Lastly, you will use your **Communication** skills to present your solution to the class.

* Game Board
* Draw Cards
* Generate Random Numbers
* Dice Rolls Using 3 Dice
* Dice Game
* Lucky 7 Random Number Generator

Good luck, and remember I have every confidence that you will soar like a Falcon. Work hard to get better every day.