# IT 230 Coding Activity Submission Template

Submit your work on the coding activities for Modules One, Two, Three, Four, and Six in this document. In addition to this document, you should submit a ZIP file containing all your Visual Studio project files and source code that can be run in Visual Studio on a different computer.

For each coding activity, complete the following steps:

* Download and rename this document to meet the file naming conventions requested in the assignment instructions.
* Fill in the required information below by replacing the bracketed text with the relevant information.
* Submit this document and your ZIP file for grading and feedback. Your ZIP file should follow the same naming conventions.

Document your work in the coding activity by completing each of the following items:

1. Provide a screenshot of the output that resulted from running your program successfully in Visual Studio. See the coding assignment instructions for an example of what should be included in the screenshot. Your screenshot must include the following elements:
   1. Your last name as the first printed text on the screen
   2. Verification that the program is fully functioning and data results are accurate for the given problem

A screenshot of a computer

Description automatically generated

1. Copy and paste the source code text you wrote for this assignment from the \*.cs file into the space below. Only providing the \*.cs files or a screenshot does not meet the requirements for this part of the assignment. Code should be logically organized. It should also follow proper syntax and conventions noted in the Coding Activity Guidelines and Rubric.

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace DebugFixIFStmt

{

class Program

{

static void Main(string[] args)

{

(new Program()).run();

//Added this line of code to show output without closing cmd automatically.

Console.ReadLine();

}

void run()

{

int firstChoice = 0, secondChoice = 0, thirdChoice = 0;

//Input my name, Class, and Date here

Console.WriteLine("Margo Quilliq's Copy\n\nIT 230\n\n07/23/2024\n\n");

firstChoice = 0; secondChoice = 0; thirdChoice = 0;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

firstChoice = 2; secondChoice = 0; thirdChoice = 0;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

firstChoice = 2; secondChoice = 5; thirdChoice = 0;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

firstChoice = 2; secondChoice = 5; thirdChoice = 7;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

}

void WriteCurrentChoices(int firstChoice, int secondChoice, int thirdChoice)

{

//changed from second to first. Needed to go in order. first,second,third.

if (firstChoice == 0)

Console.WriteLine("Choices are: {0}, {1}, {2} => There are no choices yet", firstChoice, secondChoice, thirdChoice);

// missing an =

else if (secondChoice == 0)

Console.WriteLine("Choices are: {0}, {1}, {2} => Currently choices are {0}", firstChoice, secondChoice, thirdChoice, firstChoice);

// Was an extra = here

else if (thirdChoice == 0)

Console.WriteLine("Choices are: {0}, {1}, {2} => Currently choices are {0}, {1}", firstChoice, secondChoice, thirdChoice, firstChoice, secondChoice);

// Line wouldn't show if it had third then thought about taking it away and making it just an else. Realized the WriteCurrentChoice only had three variables so the content had to many else if variable.

else

//Moved it over here to see how it looks

Console.WriteLine("Choices are: {0}, {1}, {2} => Currently choices are {0}, {1}, {2}", firstChoice, secondChoice, thirdChoice, firstChoice, secondChoice, thirdChoice);

}

}

}

1. Show that you understand the task by explaining the design of your program in the space below. Include the process and steps you took to write your code. Explain how you arrived at the solution to the problem and completed the activity.

* The first thing I added to the code was the run function “(new Program()).run();”
* I then added a line of code to show output without closing cmd automatically, which was “Console.ReadLine();”
* I added the main run code [while also adding code to show my name, the class, and the date]

“void run()

{

int firstChoice = 0, secondChoice = 0, thirdChoice = 0;

//Input my name, Class, and Date here

Console.WriteLine("Margo Quilliq's Copy\n\nIT 230\n\n07/23/2024\n\n");

firstChoice = 0; secondChoice = 0; thirdChoice = 0;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

firstChoice = 2; secondChoice = 0; thirdChoice = 0;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

firstChoice = 2; secondChoice = 5; thirdChoice = 0;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

firstChoice = 2; secondChoice = 5; thirdChoice = 7;

WriteCurrentChoices(firstChoice, secondChoice, thirdChoice);

}”

* Finally, I added the write code

“void WriteCurrentChoices(int firstChoice, int secondChoice, int thirdChoice)

{

//changed from second to first. Needed to go in order. first,second,third.

if (firstChoice == 0)

Console.WriteLine("Choices are: {0}, {1}, {2} => There are no choices yet", firstChoice, secondChoice, thirdChoice);

// missing an =

else if (secondChoice == 0)

Console.WriteLine("Choices are: {0}, {1}, {2} => Currently choices are {0}", firstChoice, secondChoice, thirdChoice, firstChoice);

// Was an extra = here

else if (thirdChoice == 0)

Console.WriteLine("Choices are: {0}, {1}, {2} => Currently choices are {0}, {1}", firstChoice, secondChoice, thirdChoice, firstChoice, secondChoice);

// Line wouldn't show if it had third then thought about taking it away and making it just an else. Realized the WriteCurrentChoice only had three variables so the content had to many else if variable.

else

//Moved it over here to see how it looks

Console.WriteLine("Choices are: {0}, {1}, {2} => Currently choices are {0}, {1}, {2}", firstChoice, secondChoice, thirdChoice, firstChoice, secondChoice, thirdChoice);

}

1. Reflect on your learning experience and what you learned from completing the activity.

I struggled a lot with this assignment, and I really hope the way that I explained the steps is okay. To be honest, I’m still not entirely sure I did this assignment 100% correct so I hope everything is in order… In this assignment I learned how to code in choices and the option to select a choice, in order to be provided with an answer.