# 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 CreateClassesObjs

{

class Course //name of the Course choice; within the MainWindow.xaml.cs

{

private string name; //Course has a private string field to hold the name of the course. Name is name due to setName within MainWindow.xaml.cs section

public void setName(string userChoice) // Course has a method to set the name field to a given string value, setname from MainWindow.xaml.cs

{

name = userChoice; //picked user due to the user using the item ann choice from course choice;

}

public string getName() // Course had a method to retrieve the name field with get

{

return name; //returns the name

}

public override string ToString() //From Instructions to return name

{

return getName();// this method should return the name field

}

}

}

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.

I’ve already included notes of my design process in the code itself as shown above this prompt.

However, I’ll add each step made here as well, just so It’s in one uniform place.

1. Added “class Course {}” as a container
2. Added “private string name;” to hold the name of the course, like set in the MainWindow.xaml.cs file
3. Added “public void setName(string userChoice)” to align with the allowed setting of name field in the MainWindow.xaml.cs file
4. Added “name = userChoice;” to pick the user, due to the user using item ann choice from “courseChoice;”
5. Added “public string getName()” due to “Course” having a method to retrieve the name field with “get”
6. Added “return name;” to return the name from the previous line
7. Added “public override string ToString()” From the assignment instructions to return name
8. Added “return getName();” to return the name field
9. Reflect on your learning experience and what you learned from completing the activity.

My learning experience was extremely difficult to say the least… I’ve been having to contact multiple tutors and re-read the materials for this assignment multiple times to understand it even a little bit. However, now I think I’ve gotten it and I hope everything worked out perfectly since it took such a long time to complete.