

Frequently Asked Questions and the Answers Related to Gradescope CSE445/446/598

Q.

I received the error message: "The autograder failed to execute correctly. Please ensure that your submission is valid. Contact your course staff for help in debugging this issue. Make sure to include a link to this page so that they can help you most effectively."

A.

The problem is frequently related to one of the following issues:

- A variable name or function name is spelled differently (case sensitive) from the name specified in the given template;
- Check the spelling of attributes and elements, ensuring they match the instructions provided.
- The submission file name is spelled differently (case sensitive) from the name specified in the assignment document;
- The versions of Visual Studio and .Net Framework are different from the ones specified in the assignment document.
- The unused namespaces (library directives) are listed. Please remove all the unused namespaces.

Please check if you have one of the above situations. The following is an example where the names are used differently.

You have a few functions and variable names are different from the template. The names are case sensitive. For example: "pricingModel" V.S. "PricingModel"; "GetSenderId" V.S. "getSenderId", and more . You are suggested to begin with the given code template. You do not modify any existing function/ variable/ class names.

Q.

Hello, I am having issues with Gradescope on my assignment. I downloaded the template file and edited to submit. When I submit to gradescope I get this message, "The autograder failed to execute correctly. Please ensure that your submission is valid. Contact your course staff for help in debugging this issue. Make sure to include a link to this page so that they can help you most effectively."

Is it because I downloaded the template file instead of creating my own file?

A.

Your program does not compile on local computer. You have an **Unexpected symbol `0'**

Please make sure your program pass the compiler on your local computer before submitting to Gradescope.

Q.

The autograder failed to execute correctly. Please ensure that your submission is valid. Contact

your course staff for help in debugging this issue. Make sure to include a link to this page so that they can help you most effectively."

A.

You have a few functions and variable names are different from the template. The names are case sensitive. For example: "pricingModel" V.S. "PricingModel"; "GetSenderId" V.S. "getSenderId", and more .

You are suggested to begin with the given code template. You do not modify any existing function/ variable/ class names.

Q

Can a Mac user use other IDE to develop the C# used for gradescope:

A

Here is a student's recommendation:

If anyone using a Mac wonders how to solve this assignment without needing to install a VM, I'd recommend you all using mono (<https://www.mono-project.com/>). Although it's not possible to compile .NET version 4.7 in macOS, installing mono helps you to compile your app in the version you wrote in your .csproj file. the best thing is that you could get the errors and troubleshoot accordingly. In my case I just developed in older version possible, ran with errors and adjust the program according to the 4.7 version. Autograder passed my code without any hassle.

Q:

Is the autograder giving anyone else issues? Everything runs fine on my end, but the autograder fails to execute and gives me a generic error.

A:

Please remove any unnecessary or unused namespace inclusions.

Q:

For the XSD file definition, can I define my own phoneType and provide a pattern for it;

A: No. The type may not be true for all phone numbers. You may simply use a string type for it.

Also, for integer type, you should simply use "int" instead of "positiveInteger" in your xsd file.

Q:

I have tried multiple times to rewrite the code, but for some reason, I am not able to figure out my failing test cases because Gradescope doesn't give information, and my dry runs of the code do seem to work. Only these 2 test cases are failing. Can you please help me in what exactly are these looking for?

A:

I had the same error today. What I did to fix the xsd was follow the Courses.xsd example and formatted my stuff in a similar manner. Then in my .xml file I added xsi:schemaLocation with the location of the xsd file

A:

When I submit my code that read the .csv file, do I need to submit the .csv file?

A:

Yes, you need to submit the code and the .csv file. These files will be placed in the same directory when Gradescope run your code. Thus, you should not add a file path before the file name when you open the file in your code.

Q:

What the Encoding format is needed for .csv file?

A:

I discovered the autograder will fail if the csv files are not in UTF-8. So just an fyi for anyone before submitting, you need to remove the special characters and ensure the file is UTF-8 encoded. (I just replaced them all with a space and it worked)