

## How To: Submit Programs to Autograder

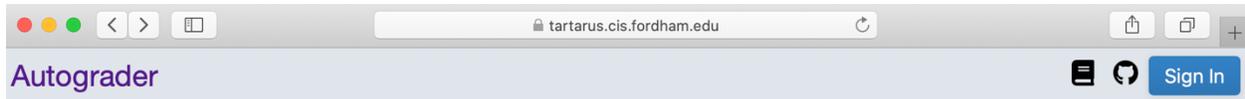
**What is Autograder?** Autograder is a system that you will be submitting your lab projects to this semester. The system **imposes deadlines** and **automatically grades** your submissions as to be further discussed in the steps below. The following tutorial will show the basics of the system, including how to access it and be successful when submitting your labs.

**Step 1:** As a prerequisite, you have been given the assignment details by your instructor as discussed in class, which you have completed accordingly. Before continuing to submit your program to Autograder, you should double check that your program has the required files and structure and does not produce any compilation errors. **The Autograder system must be able to compile your program** in order to run its tests, so it's recommended that you test this out yourself before submitting. **Your submission may be rejected if it does not compile or your final grade may be significantly lowered.**

The following screenshot is a quick example of me testing on my own computer that the required *IntArray.cpp* file I plan to upload compiles before submitting. The terminal does not display any errors and an executable is produced, so I know that it's good to go.

```
(base) Courtneys-MacBook-Pro:lab1 courtneyking$ ls
IntArray.cpp
(base) Courtneys-MacBook-Pro:lab1 courtneyking$ g++ IntArray.cpp
(base) Courtneys-MacBook-Pro:lab1 courtneyking$ ls
IntArray.cpp  a.out
(base) Courtneys-MacBook-Pro:lab1 courtneyking$
```

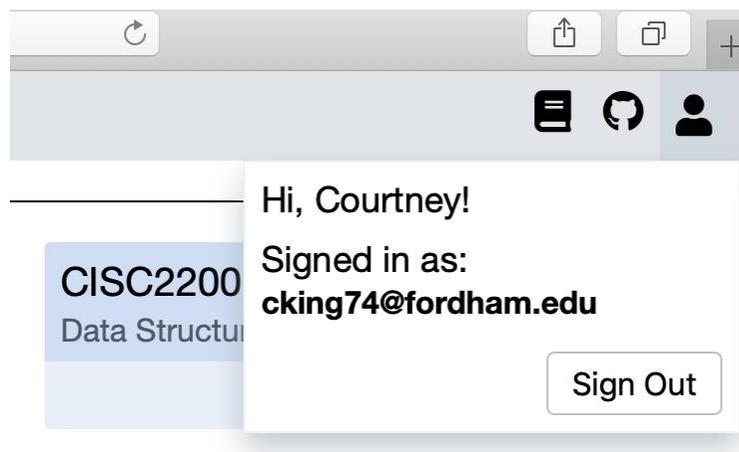
**Step 2:** To find the Autograder homepage, ensure that you're connected to the internet, open your web browser and go to: <https://storm.cis.fordham.edu:8443/>



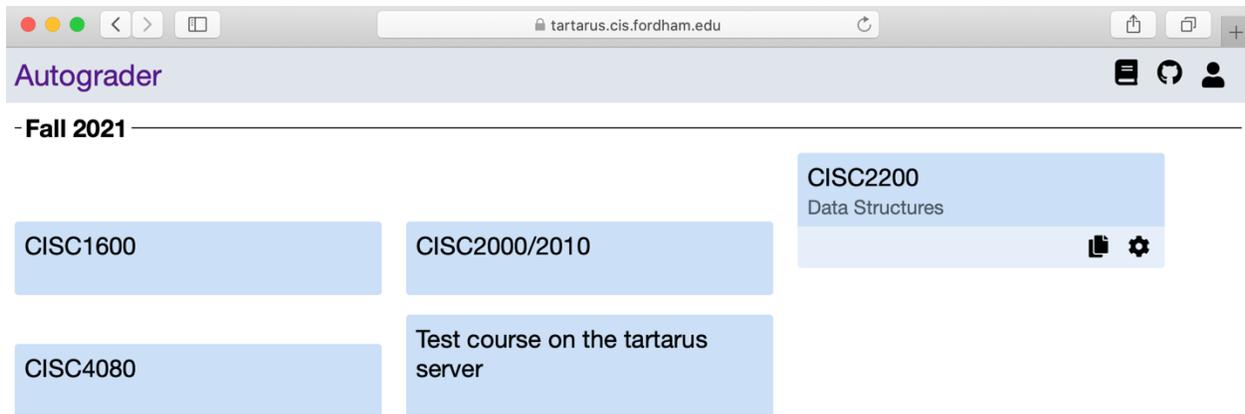
Welcome!

Sign In

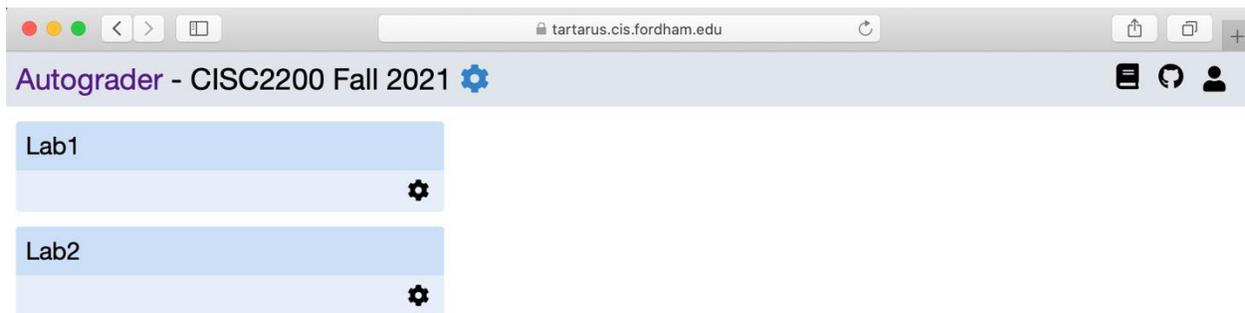
**Step 3: Sign in** by clicking on one of the blue labeled buttons as shown above and proceeding with your fordham email address. (You must use this email address as it is the one which your instructors will use to add you to the courses.) After successfully logging in, you should see your dashboard, which will be further explained in the following step. When you click on the person icon in the top right corner, you should see your own details and a sign out button.



**Step 4:** On your **dashboard**, you will see the courses which you are enrolled in for the current semester. If a course is missing, contact your instructor to add you to the course.



**Step 5: To open a course** from your dashboard, simply click on the labeled box where you will be taken to the course page. (Here I've clicked on CISC2200 Data Structures from the previous page.) From this page, you can see the assignments currently made available to you if any. In the following screenshot, we see that I currently have two labs to complete for the course.



**Step 6: Next, open an assignment** by clicking on it. You will be taken to a page containing information about the assignment, including the due date, submission history and a link to submit as shown below. **You should take note of the due date and number of allowed submissions displayed on the page as these will be limited by the system accordingly.**

Autograder - CISC2200 Fall 2021 - Lab1

Submit My Submissions Student Lookup Handgrading

Due on **September 17, 2021, 11:59 PM EDT** (23 days 12 hours)

Student  
cking74@fordham.edu

0/5 submissions used today.  
3 late day tokens remaining.

[What files should I submit?](#)

Drop files here  
- or -  
Choose files to upload

Additional submissions may be given to you by your instructor in the form of “Bonus Submission” or “Late Day” tokens. A Late Day token extends the submission deadline by 24 hours and a Bonus Submission token allows for an extra submission beyond the limit. In the above screenshot, you can also see that I have 3 Late Day tokens available for the course.

Note that most likely your professor provides you a URL to this project’s submission page (an example is shown below). In this case, you can simply type in or click on the link provided to come to this page

<https://storm.cis.fordham.edu:8443/web/project/10>

**Step 7:** Click on the **What Files Should I Be Submitting?** link to double check the required files for the assignment. Ensure that the names of the files you plan to upload exactly match those required and that you have all of them. **If they do not match, there will be a compilation error, resulting in a rejected submission or significant reduction in your grade** as previously mentioned.

Due on **September 17, 2021, 11:59 PM EDT** (23 days 12 hours)

**Student**

cking74@fordham.edu

0/5 submissions used today.

3 late day tokens remaining.

What files should I submit?

- IntArray.cpp

**Step 8:** To make a submission, **upload** the required file(s) and then click the **submit** button.

The screenshot shows a web browser window with the URL `tartarus.cis.fordham.edu`. The page displays the same submission information as the previous image. A large blue-bordered box contains the text "Drop files here" and "- or -" above a "Choose files to upload" button. A red arrow points to this box. Below the box is a table with two columns: "Files to Upload" and "Size". The table contains one row: "IntArray.cpp" with a size of "39 Bytes" and a red "x" icon. A red arrow points to a "Submit" button at the bottom left of the page.

Files to Upload	Size
IntArray.cpp	39 Bytes

**Step 9:** After confirming the submission, a new page will be displayed indicating that you have submitted the assignment and the autograder system will begin running tests shortly.

Submitted by: [cking74@fordham.edu](mailto:cking74@fordham.edu) on August 26, 2021, 12:42 PM EDT

This page will update automatically.

We got your submission! It should be queued soon.

[Remove from Queue](#)

After the system has finished running the tests on your program, you will be able to see the details of your submission along with the results. The following shows the results of a different assignment on sorting which I submitted earlier. You can see the score and that the submission passed compilation, along with getting full points for the “Bubble Sort” and “Selection Sort” tests. These blue bars are clickable and you can find more information about each test on your submission by doing so.

The screenshot shows a submission page with a sidebar on the left and a main content area on the right. The sidebar has a 'Final Graded Submission' section and a 'My Submissions' section. The main content area shows submission details, including the score and a table of test results. Red annotations highlight the score and the test results table.

Submitted by: [cking74@fordham.edu](mailto:cking74@fordham.edu) on August 26, 2021, 12:42 PM EDT

Score: **100/100**

Score tests finished. You can submit again now!

This page will update automatically.

lab1\_func.cpp

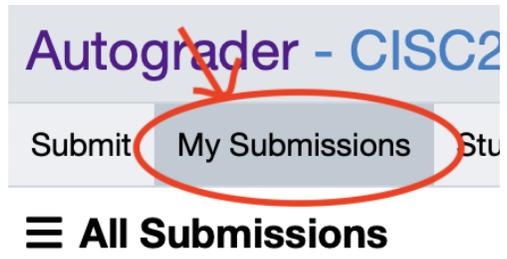
lab1\_func.h

Adjust Feedback

**C++ Tests**

Test Case	Passed	Score
Compile	✓	
Bubble Sort	✓	50/50
Selection Sort	✓	50/50

Note that the score you see may or may not be your final grade as there may be some aspects of the assignment which must be hand-graded and added in at a later time by your instructor or class TA. You can also view your submission history in the course later by clicking on the **My Submissions** tab.



**Congratulations!** You now know how to submit a program to Autograder.