

Module 6: Gradescope and Canvas Grades

Week 0: Course Orientation

Module Preview

Hello! And welcome to **Course Orientation Module 6: Gradescope and Canvas Grades**.

In this module, we'll learn how to use Gradescope and Canvas Grades.

- In Section 1, we'll see how to upload our finished Problem Set 0 PDF to Gradescope.
- In Section 2, we'll see how to review our work once it's been graded.
- And in Section 3, we'll learn how to upload revised problem sets for regrades.

When you've completed this module, you'll be able to:

- Upload Problem Set 0 to Gradescope.
- Review graded assignments
- Upload a revised problem set to Gradescope for a regrade.

All right, let's get started by learning how to upload your Problem Set 0 PDF to Gradescope.

Section 1: Uploading to Gradescope

Main Idea: *We can upload a Problem Set 0 PDF to Gradescope.*

In this section, we'll see how to upload our finished Problem Set 0 PDF into Gradescope.

Recall that at the end of Module 5, we had completed Problem Set 0 and successfully knitted it to a PDF. Thus, the folder for Problem Set 0 will look something like this:

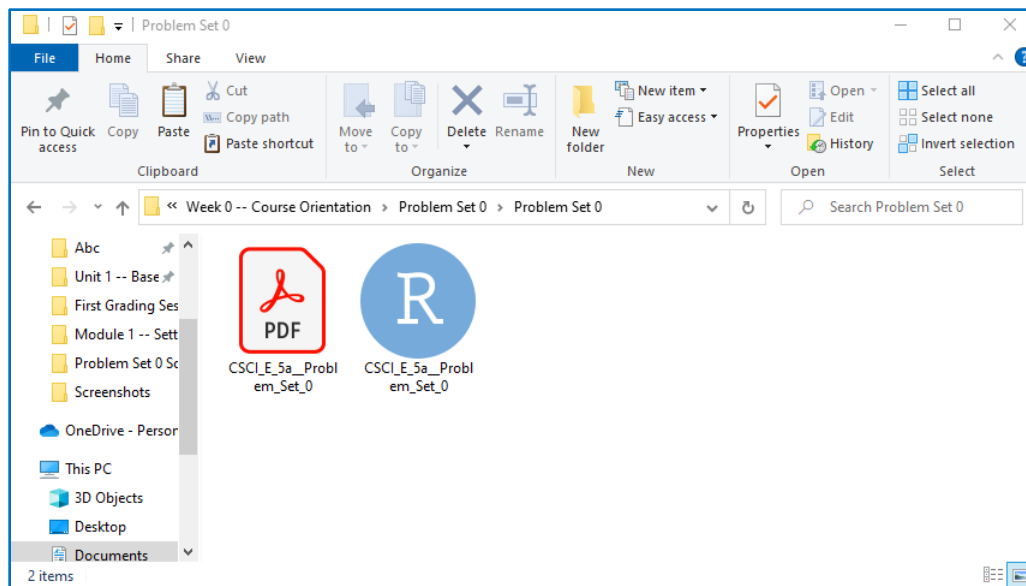


Figure 1: Problem Set 0 folder after knitting to a PDF

Now we'll upload this PDF to Gradescope, which is the system that we'll use in CSCI E-5a for all assignment grading.

Let's start from the Canvas homepage. Recall that the link for Gradescope is in the left-hand course navigation menu, second from the bottom.

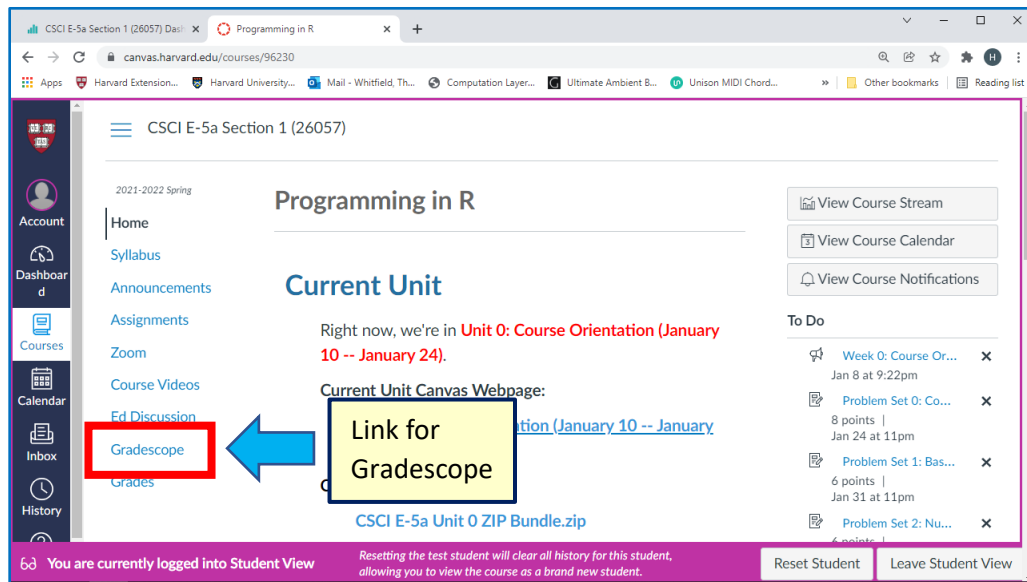


Figure 2: Gradescope link in the course navigation menu

If you haven't used Gradescope before you'll have to create an account with a user name and password.

You'll start your Gradescope session in the Dashboard, which will list all previous and upcoming assignments:

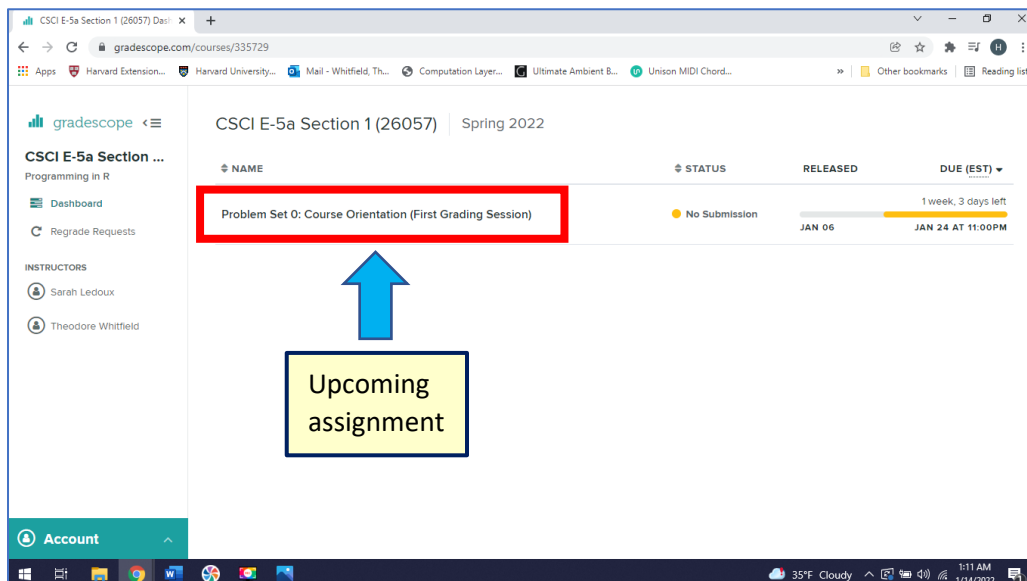


Figure 3: Gradescope dashboard

Since we haven't submitted anything yet, the status of the assignment is "No Submission":

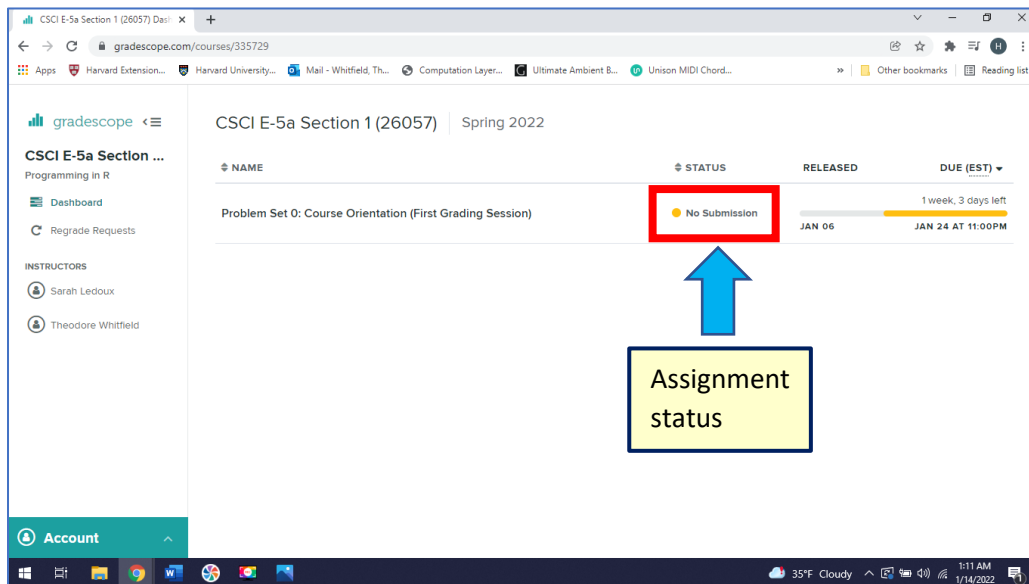


Figure 4: Gradescope dashboard: assignment status

You can also see that the assignment is open because timeline bar on the right-hand side is orange, as well as the due date:

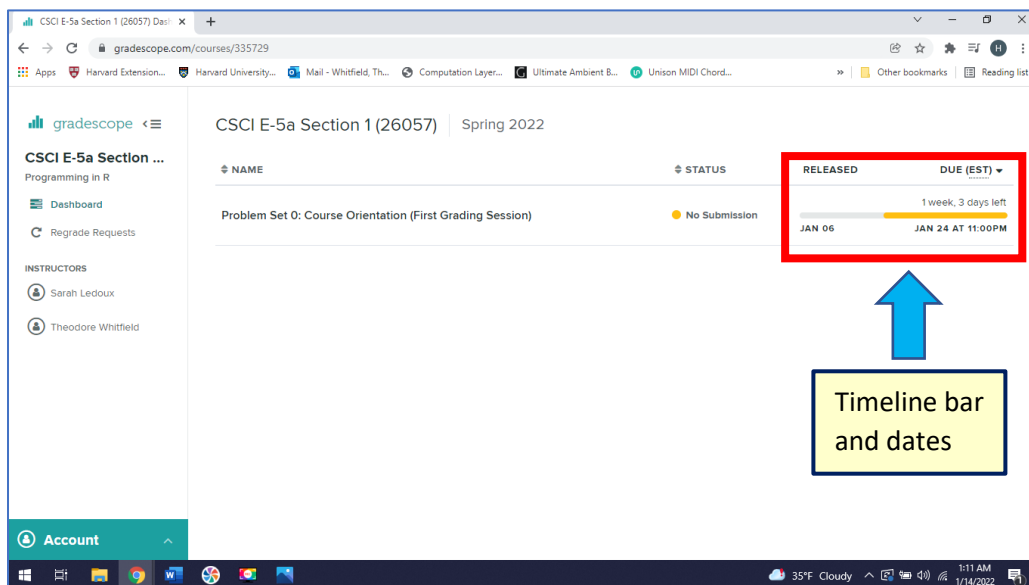


Figure 5: Gradescope dashboard: timeline bar

To begin the submission process, first click on the assignment name:

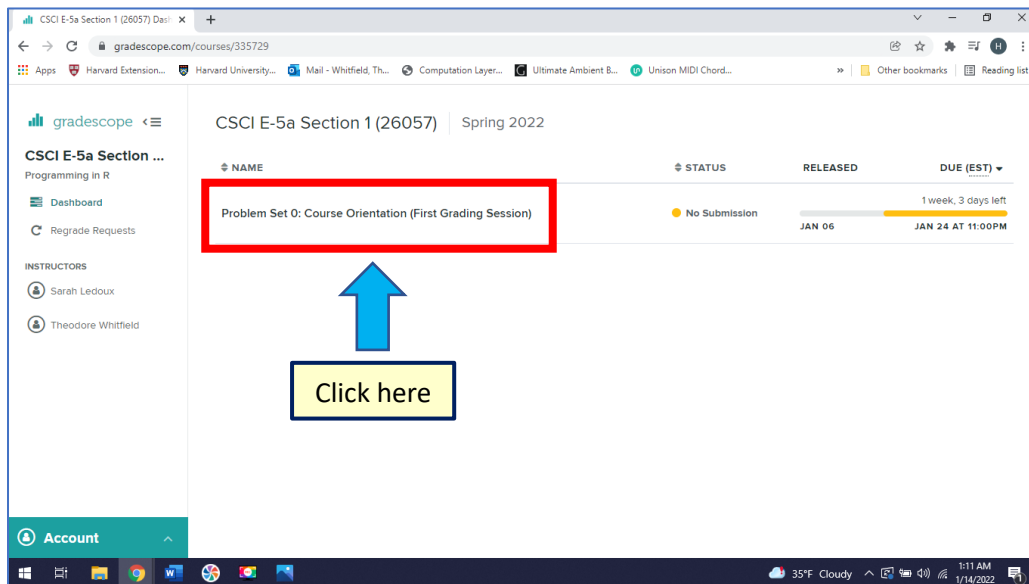


Figure 6: Gradescope dashboard: beginning the upload process

The first step is the Submit Assignment dialog box. Start by specifying the type of file to be uploaded; in CSCI E-5a we always work with PDFs, so click on “Submit PDF”:

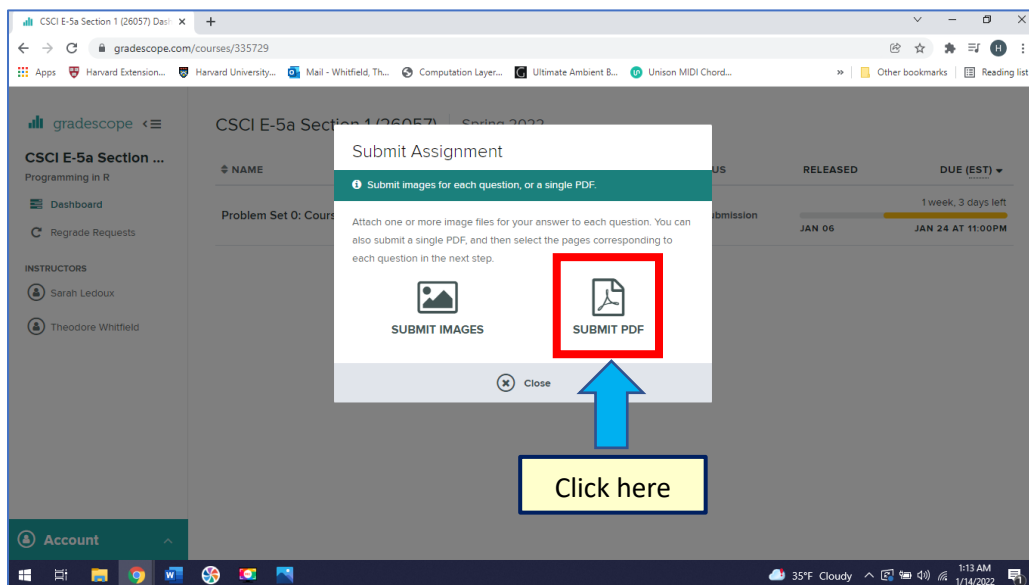


Figure 7: Submit Assignment dialog box

Next, you'll see a screen for selecting the PDF to upload. Click on "Select PDF":

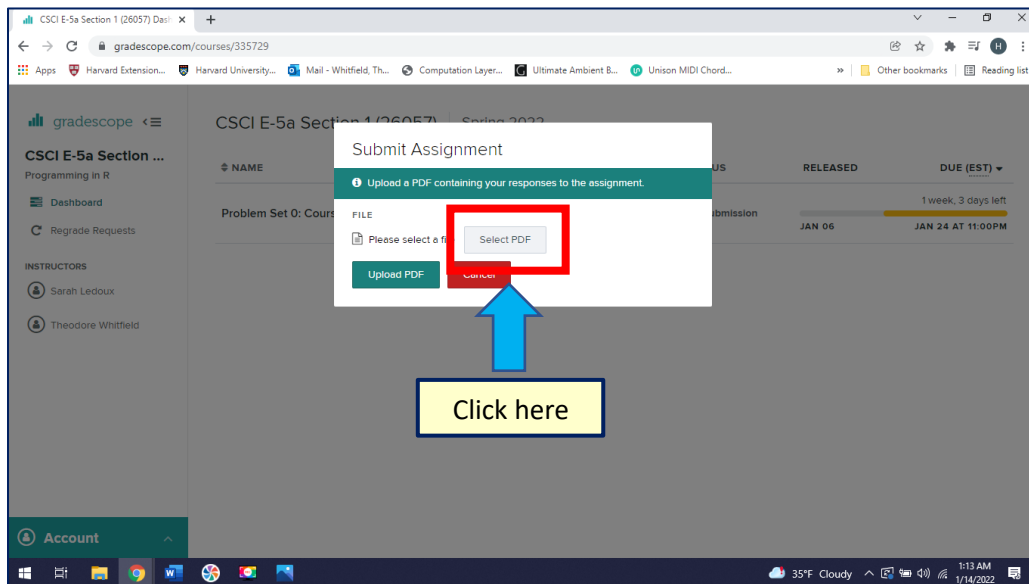


Figure 8: Selecting the file for uploading

You might have to do some navigation to find this PDF. If you're starting from the CSCI E-5a main folder, go to the Unit 0 Course Orientation folder, and then to the Problem Set 0 folder:

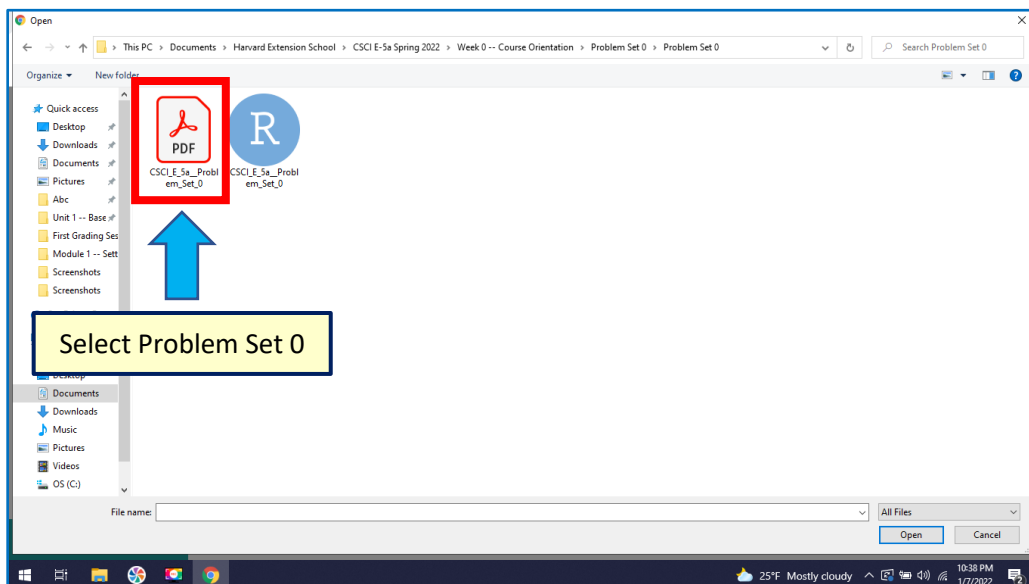


Figure 9: Selecting the PDF to upload

Once you've selected the PDF file, click on the Upload PDF button to submit it:

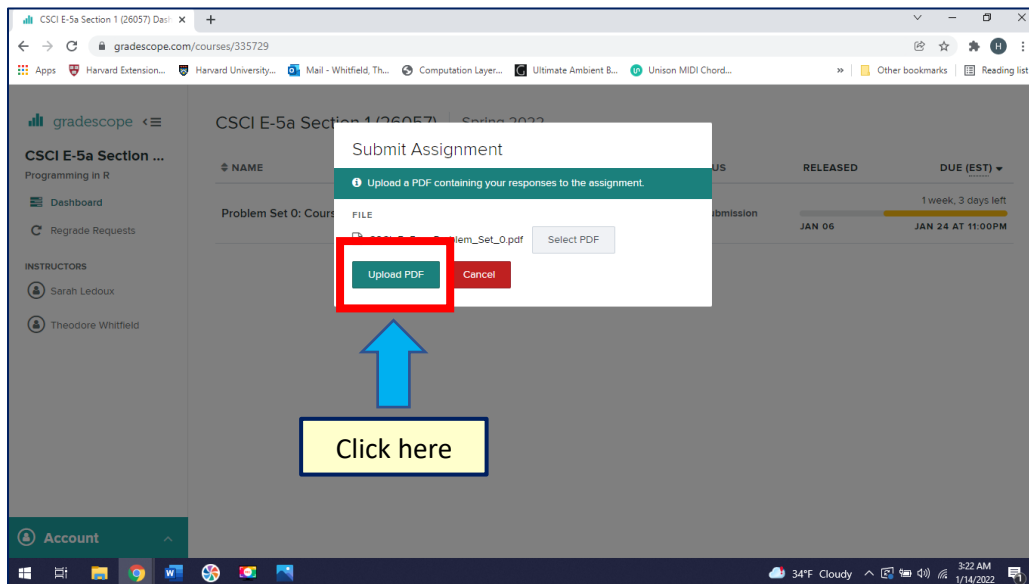


Figure 10: Uploading the Problem Set 0 PDF to Gradescope

Gradescope will then take a few seconds to process this file.

When the processing is all done, you'll see a screen with two panels. On the left is the Question Outline panel:

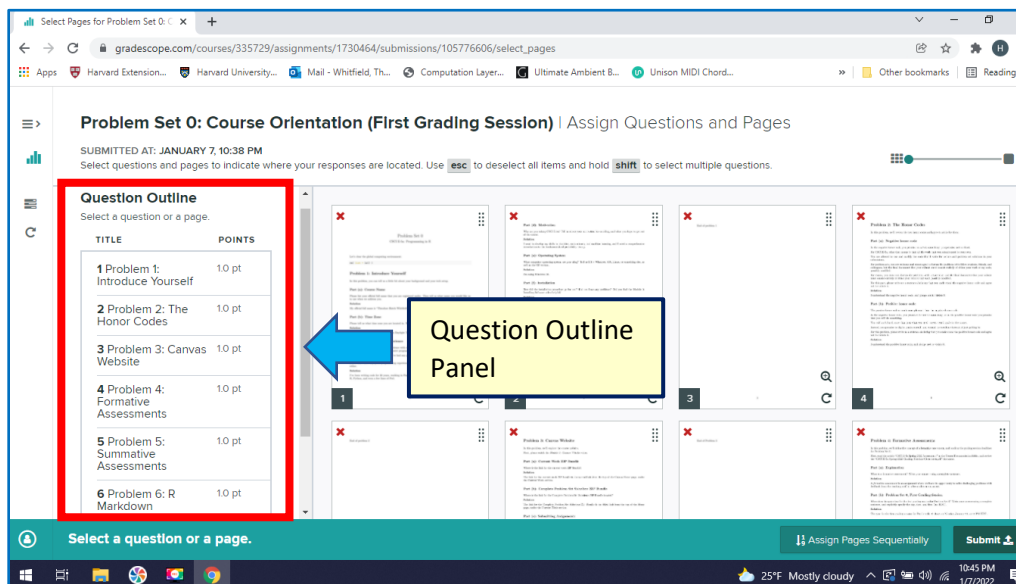


Figure 11: Question Outline panel

You can see each of 8 problems on Problem Set 0 listed here. For instance, the first entry in the Question Outline panel is Problem 1: Introduction, the second entry is Problem 2: The Honor Codes, and so on.

On the right is the Page view panel, which consists of reduced images of each individual page of the assignment:

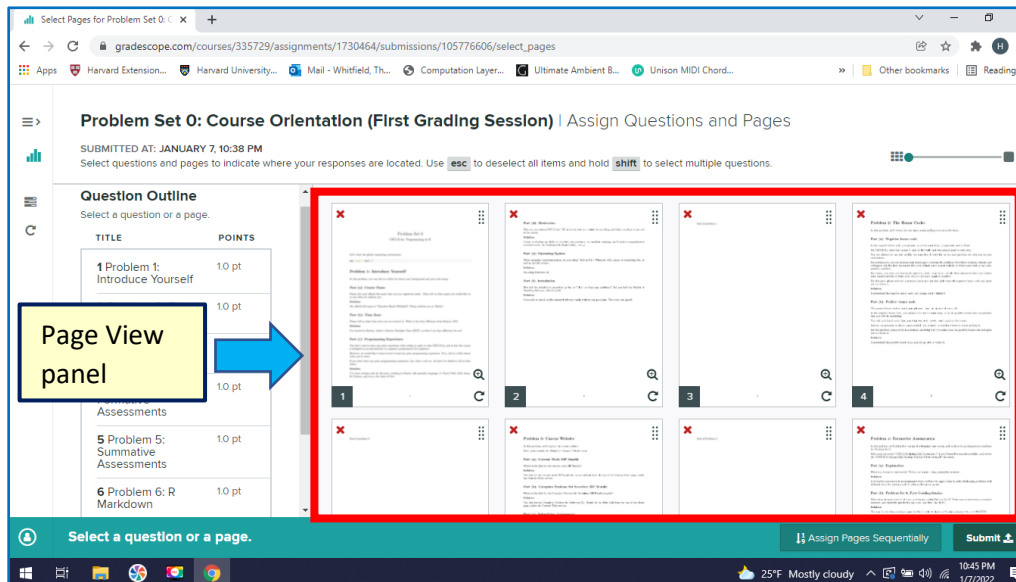


Figure 12: Page View panel

Now we have to associate the pages in the Page View with the problems in the Question Outline. Let's start with Problem 1. We can activate Problem 1 in the Question Outline by clicking on it:

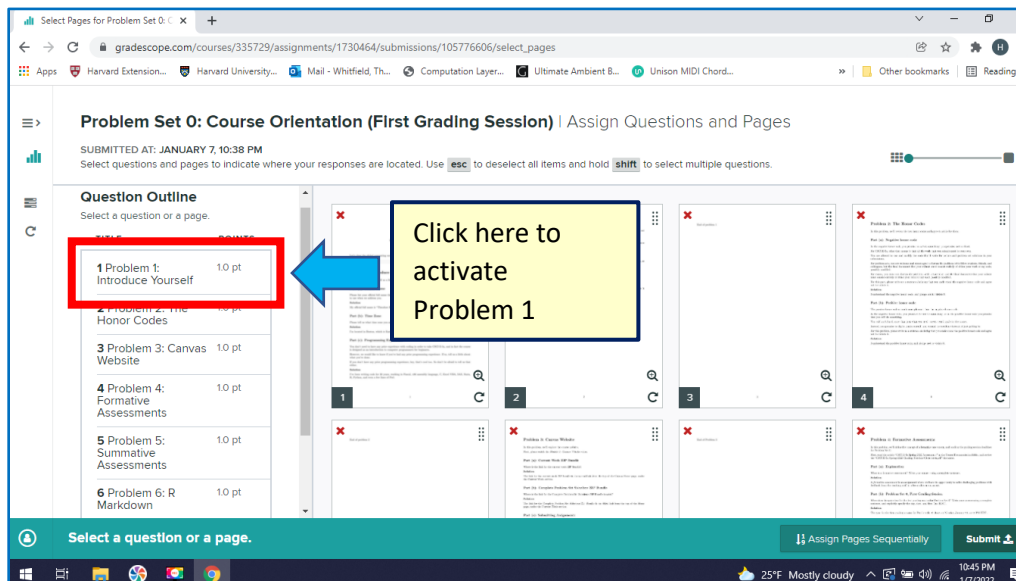


Figure 13: Activating Problem 1

When we do this, you can see that the box for Problem 1 changes color, and the left-hand side becomes bold faced:

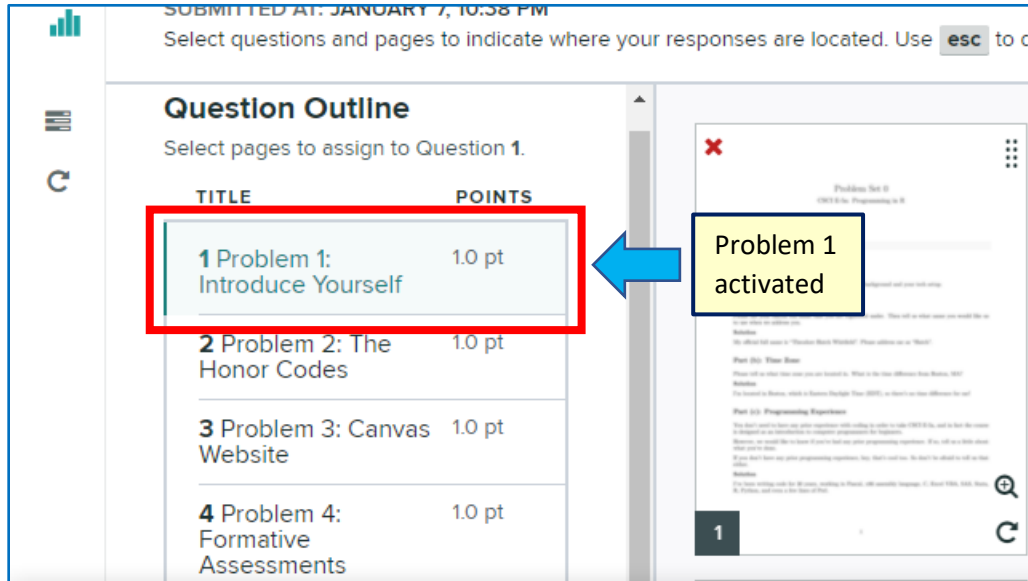


Figure 14: Activating Problem 1 (close-up)

I admit – the effect is subtle!

Now we need to select the pages that are associated with Problem 1. Notice that in this document, the answer for Problem 1 is contained in pages 1 and 2. So now we can go over to the Page View pane and first click on page 1:

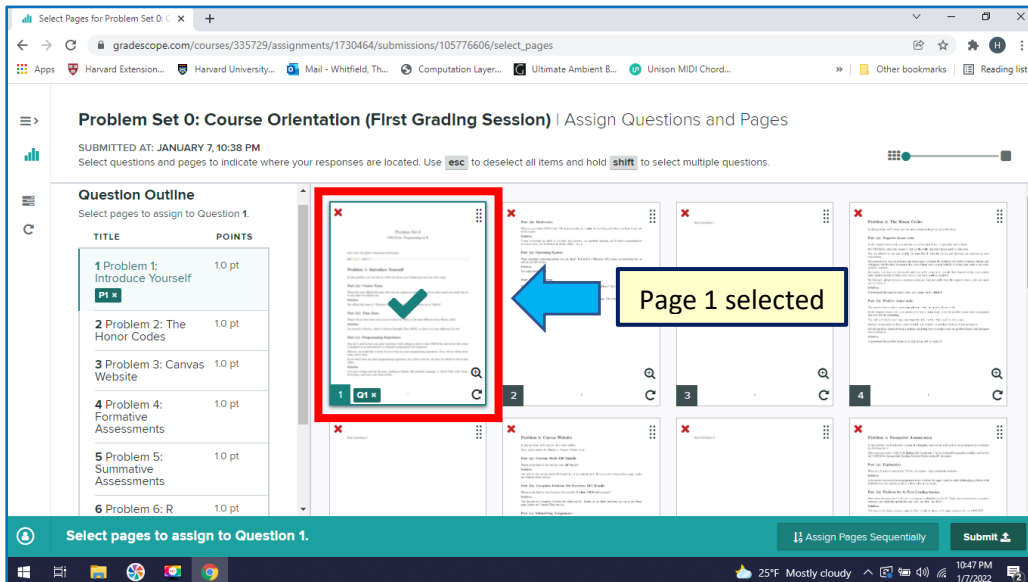


Figure 15: Associating Page 1 with Problem 1

Notice that when we do this, a small icon with the letters “Q1” appears at the bottom of the page, which indicates that this page is associated with Problem 1:

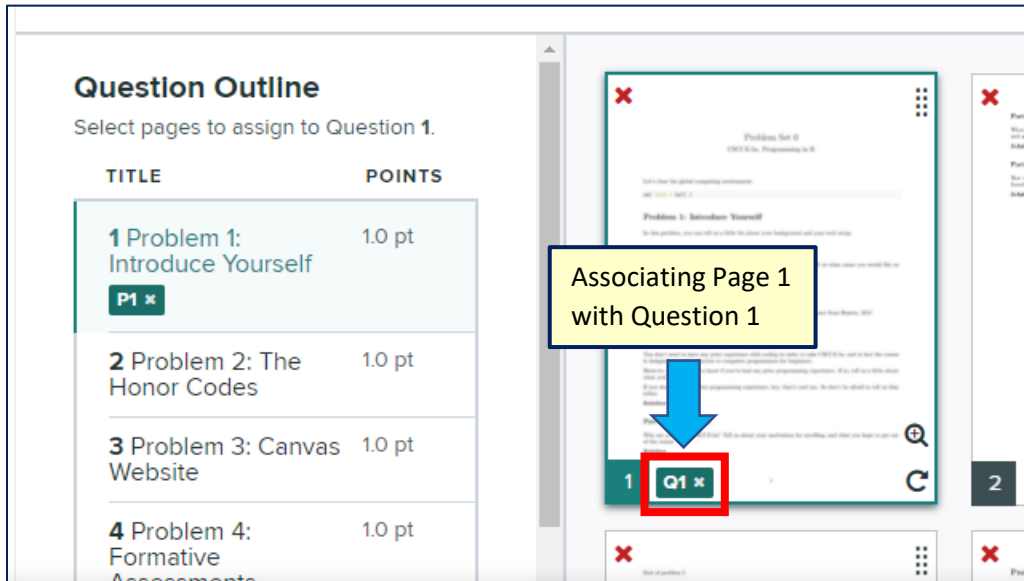


Figure 16: Associating Page 1 with Question 1 (close-up)

Similarly, look at the box for Question 1 in the Question Outline.

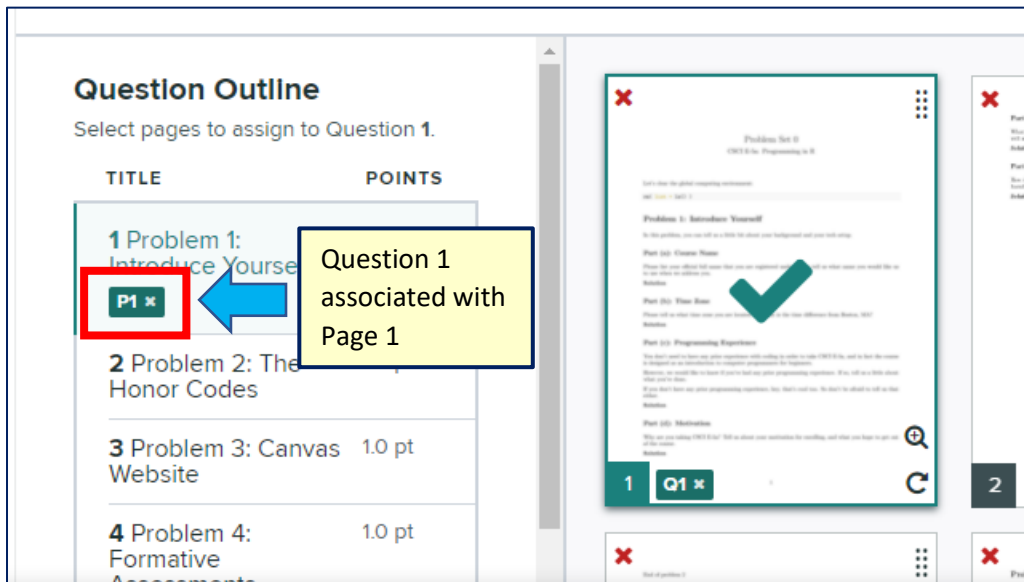


Figure 17: Associating Page 1 with Question 1 (close-up)

Now the box for Question 1 has a small icon that says “P1”, indicating that page 1 is associated with this problem. So now we’ve associated page 1 with Question 1.

We also need to associate page 2 with Question 1. Since the box for Question 1 in the Question Outline is light blue, that means that it's still active, so to associate page 2 with Question 1 we just need to click on the image for that page:

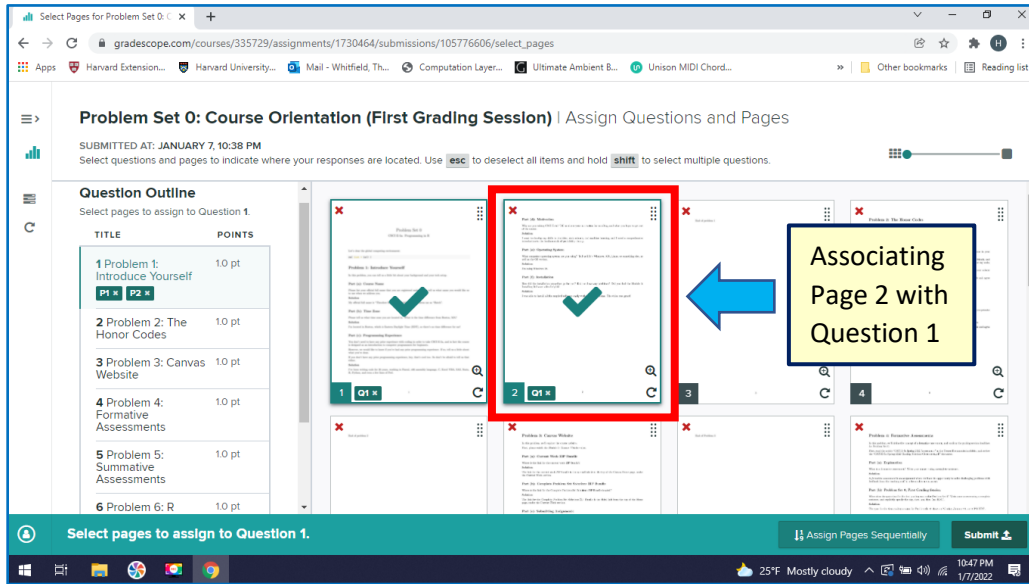


Figure 18: Associating page 2 with Question 1

Now the reduced images for page 2 also has an icon for Question 1:

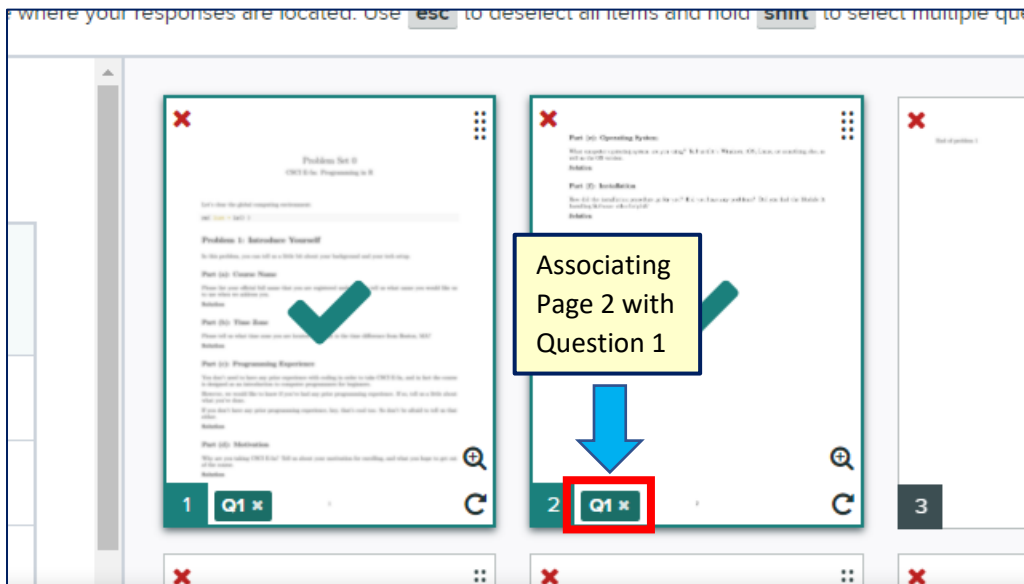


Figure 19: Finished associating pages 1 and 2 with Question 1 (close-up)

The box for Problem 1 in the Question Outline panel has two icons, representing pages 1 and 2:

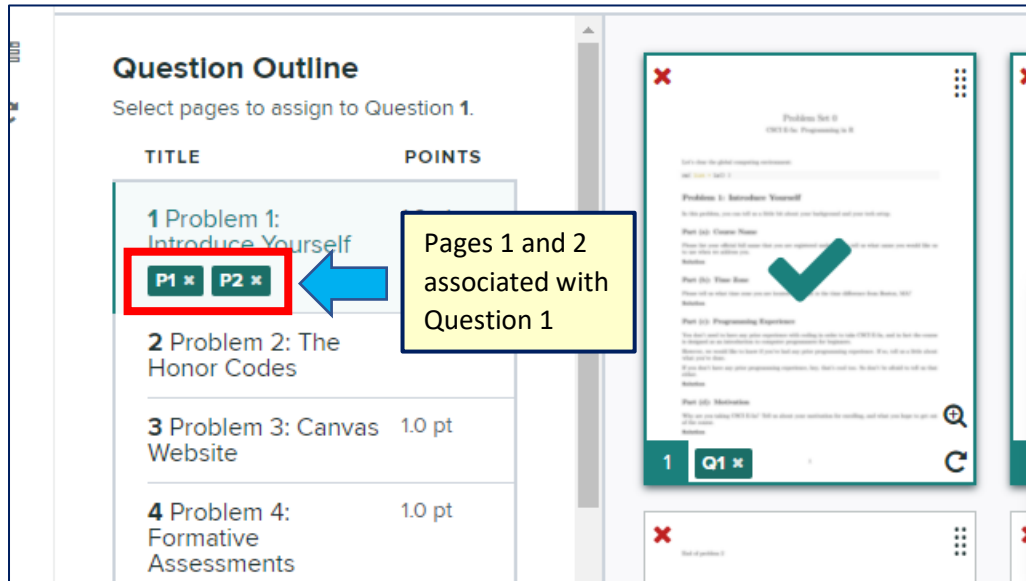


Figure 20: Pages 1 and 2 associated with Question 1 (close-up)

And now we're done with Question 1! Let's move on to Question 2.

Before we associate pages with Question 2, notice that the third page of the problem set is blank, except for the sentence at the top that says, "End of problem 1":

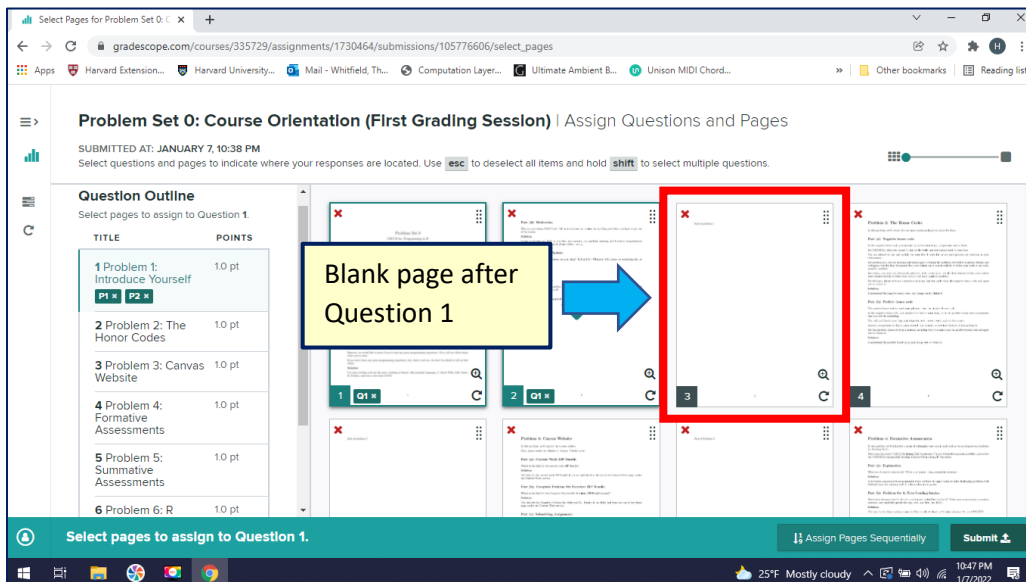


Figure 21: Blank page after Question 1

This blank page makes it easy to see the page where Question 2 starts. In Module 5, when we were filling out Problem Set 0, I mentioned that these blank pages would be very useful when we started to associate pages with problems in Gradescope, and I hope that now you can see what I meant by that: the blank pages at the end of every problem make it easy to see the beginning of the next problem.

OK, so let's associate pages with problems for Problem 2! The first step is to activate Question 2 in the Question Outline pane by clicking on it.

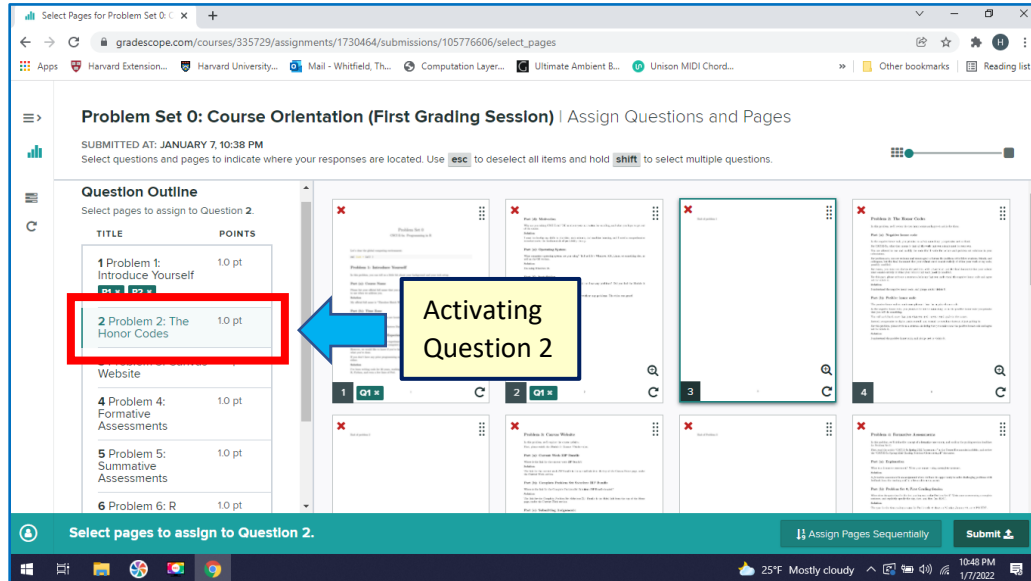


Figure 22: Activating Question 2 in the Question Outline pane

Again, you can see that it's activated because it changes color.

In this document, the answer to Question 2 is contained in just one page, which is page 4, so we'll associate only page 4 with Question 2.

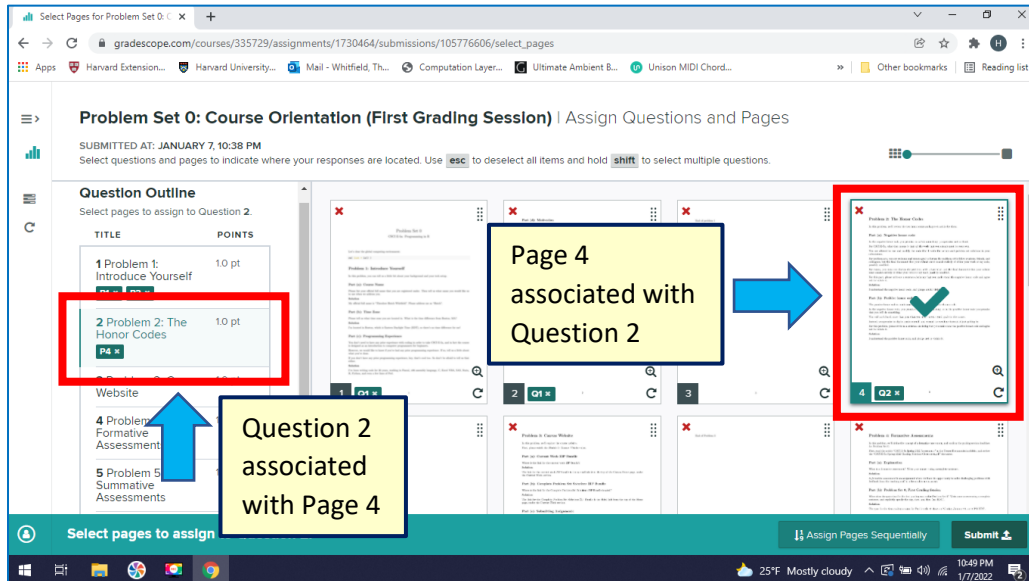


Figure 23: Associating Page 4 with Question 2

Notice that a small “Q2” icon appears at the bottom of page 4, and a small “P4” icon appears at the bottom of the box for Problem 2. These icons indicate that page 4 has been associated with Question 2.

By the way, you don’t have to associate the blank pages with the problem, because they don’t contain any content, and in this presentation I’ll just ignore them.

Now we'll associate pages with the remaining problems, using exactly the same approach. When we're all done, we'll be at the end of the Page View display:

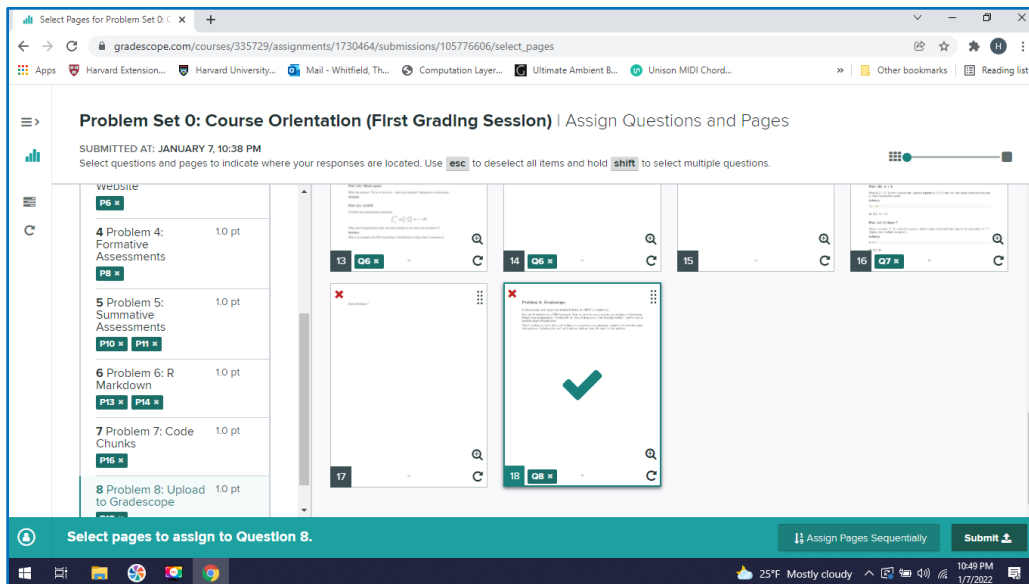


Figure 24: Finished associating pages with problems

Once we've associated pages with all the problems, we're ready to submit our assignment. Let's click on the Submit button, located in the bottom right corner:

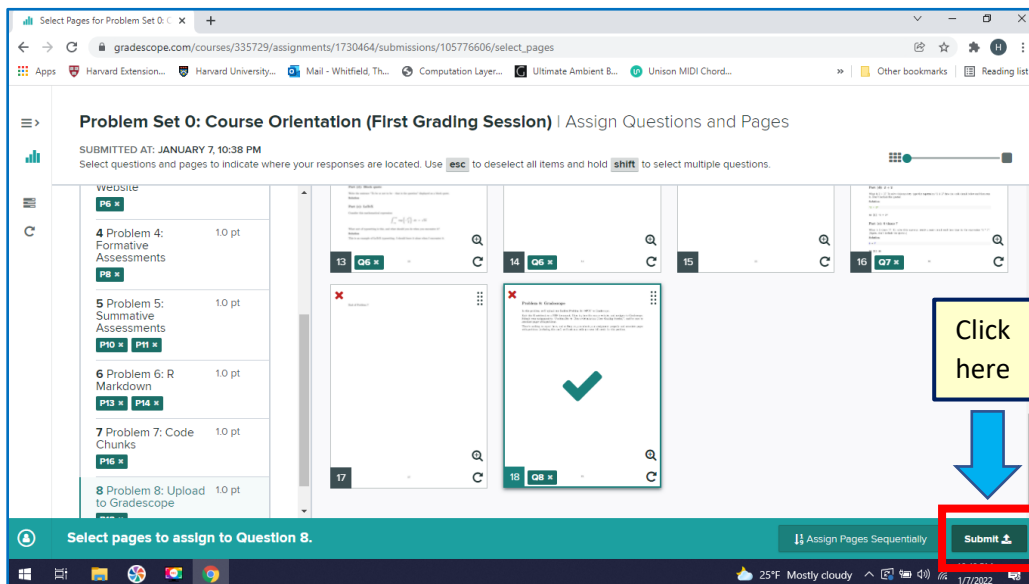


Figure 25: Submit button

When we do this, Gradescope produces a warning stating some pages were not associated with any problem:

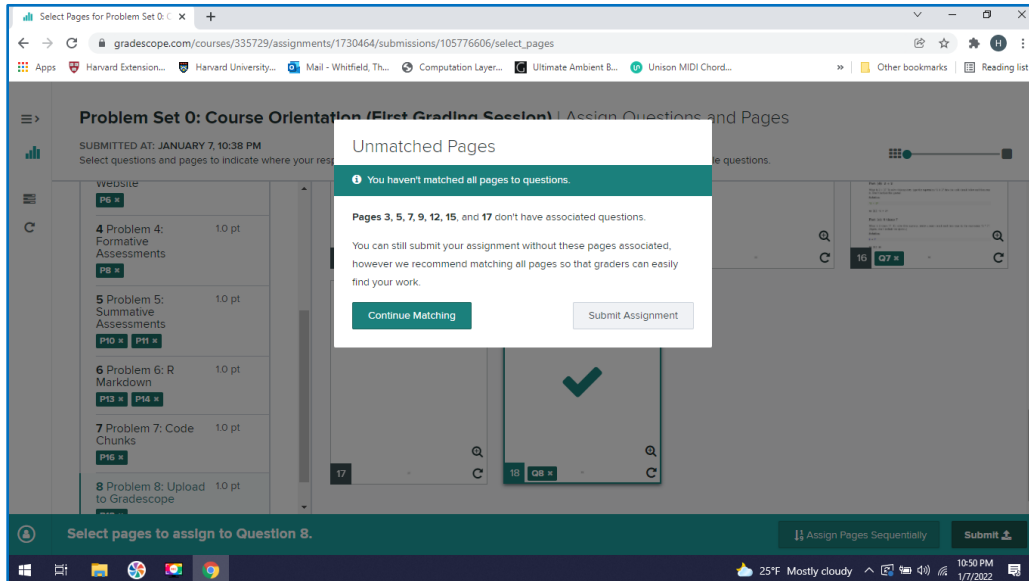


Figure 26: Unmatched Pages warning dialog box

Gradescope generates this warning because we didn't associate the blank pages with any problem. That's OK, and we can just ignore this warning and go ahead and submit the assignment:

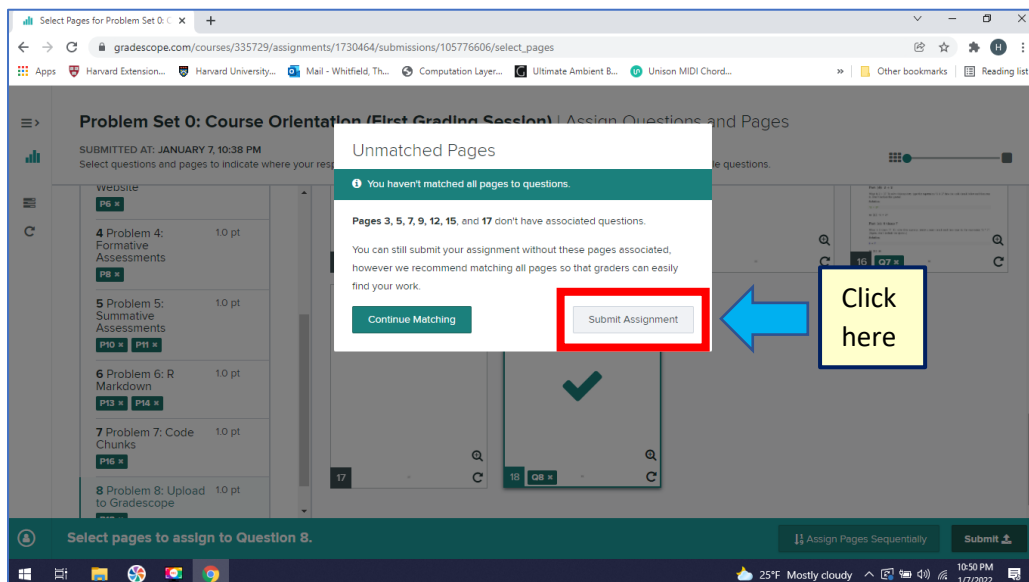


Figure 27: Submitting the assignment

And now we're done!

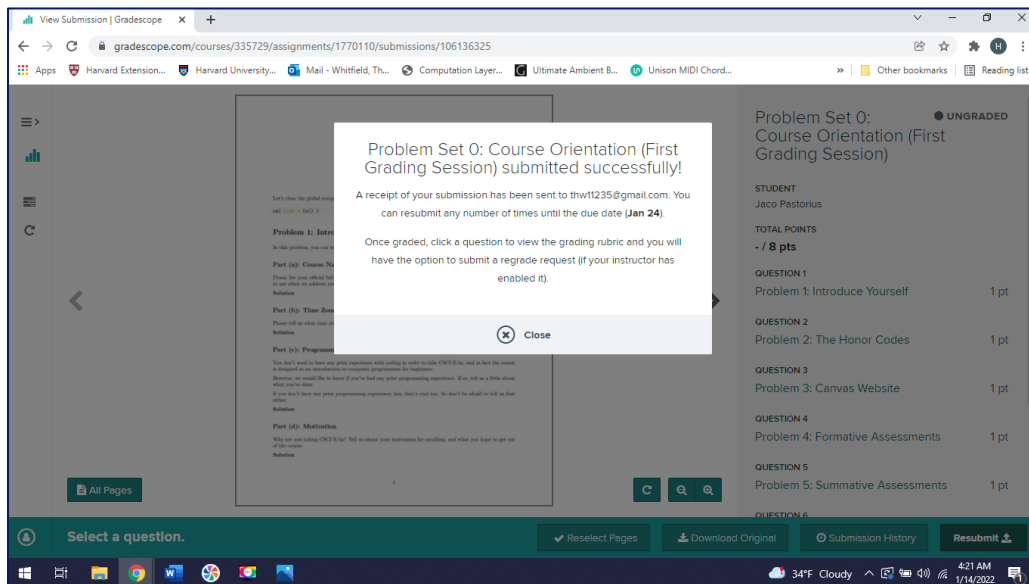


Figure 28: Successful submission

Once you successfully submit an assignment, Gradescope will send a receipt to your email address:

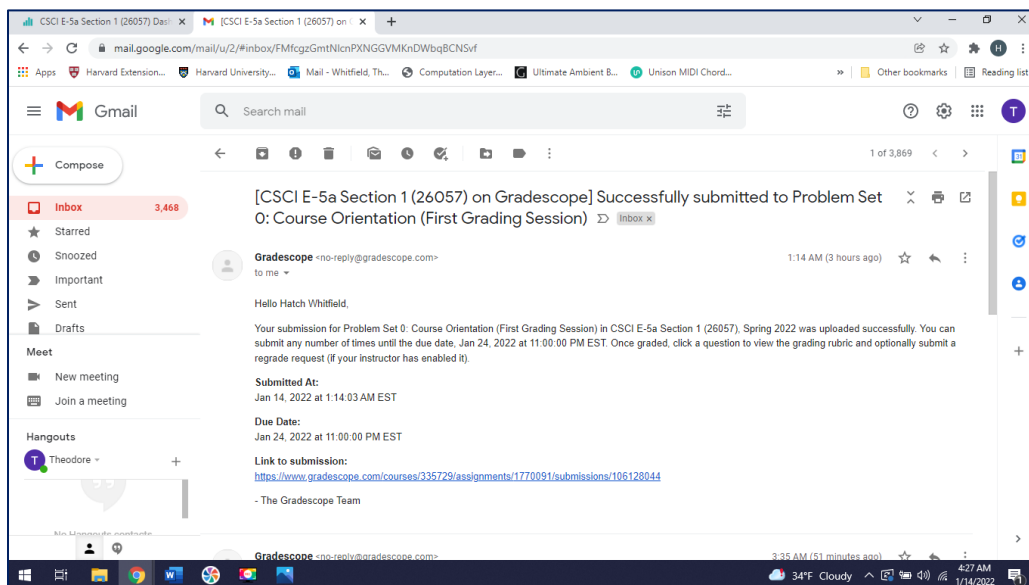


Figure 29: Gradescope submission email receipt

This is your proof that you submitted the assignment. It's good to hold onto these receipts, just in case there's any dispute about a submission. By the way, this is true of any course that uses Gradescope, not just CSCI S-5a – you should always hold on to any submission receipts!

Let's return to the Gradescope Dashboard. Notice that Status for the assignment is now "Submitted":

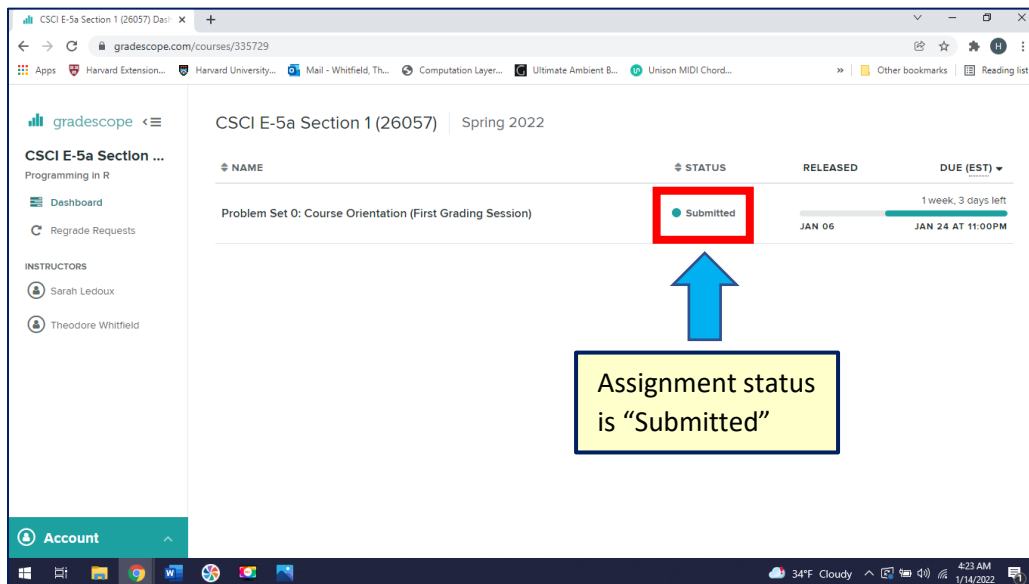


Figure 30: Gradescope dashboard: submitted status

Also, the timeline bar is now green, indicating that you've submitted an assignment:

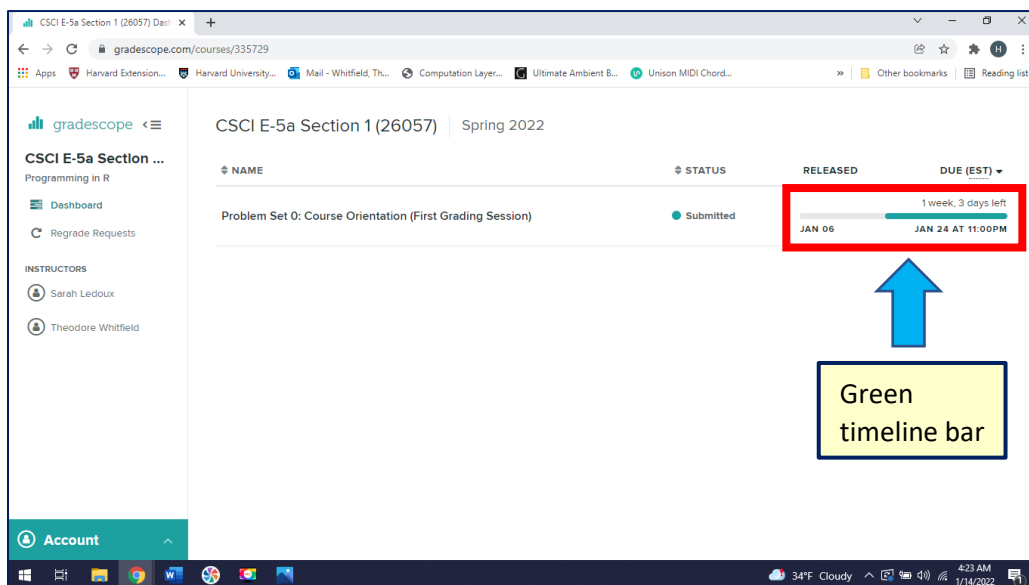


Figure 31: Gradescope dashboard: timeline bar

If you decide that you want to change something in your submission, you're welcome to go through the process again and submit a new file, as often as you want.

We'll only grade the final version, so make sure it's complete!

So that's how to submit your Problem Set 0 to Gradescope.

Now let's find out how to review our work after the TAs have graded it.

Section 2: Review a Graded Assignment

Main Idea: *We can review a graded assignment in Gradescope and Canvas Grades*

In this section, we'll see how to review a graded assignment in Gradescope and Canvas Grades.

In this section, we'll see how to review an assignment in Gradescope and Canvas Grades after it's been graded.

Once the teaching staff has graded an assignment and published the scores, you can review your work. Now when you log into Gradescope you'll see a different status value, indicating your score on the assignment:

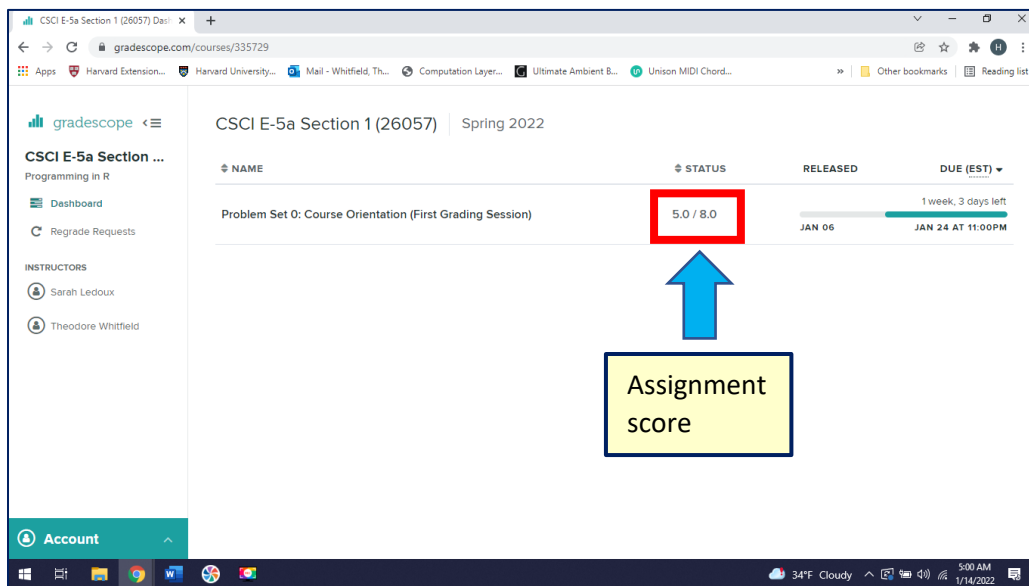


Figure 32: Gradescope dashboard: assignment score

For this assignment, you can see that not every problem was correct. In fact, only 5 problems were correct out of 8 total, so 3 were incorrect. To find out what happened, click on the link for Problem Set 0 (First Grading Session):

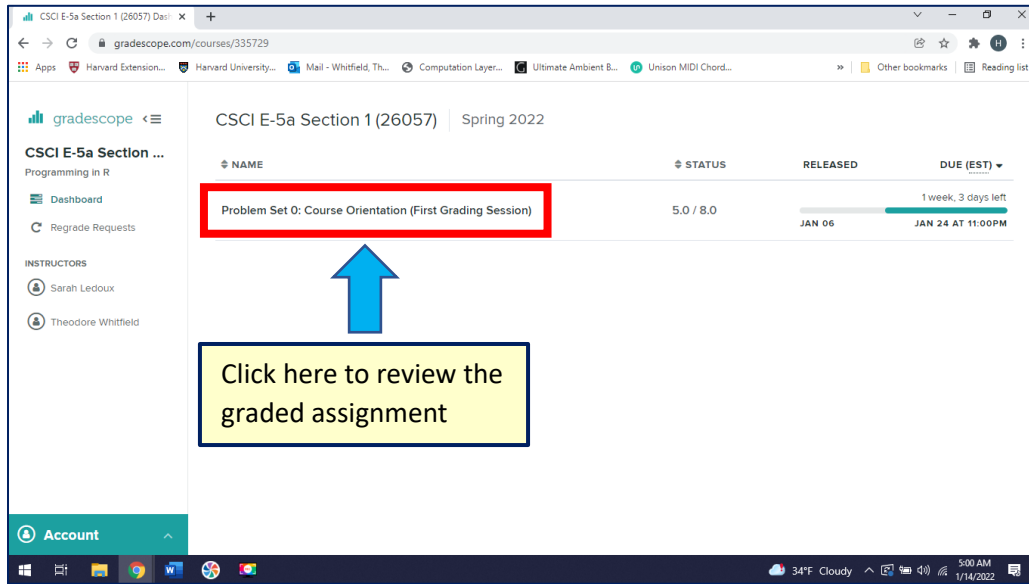


Figure 33: Gradescope dashboard: reviewing the graded assignment

Now you'll see a display of your submitted assignment. The left-hand pane displays the pages of your submission:

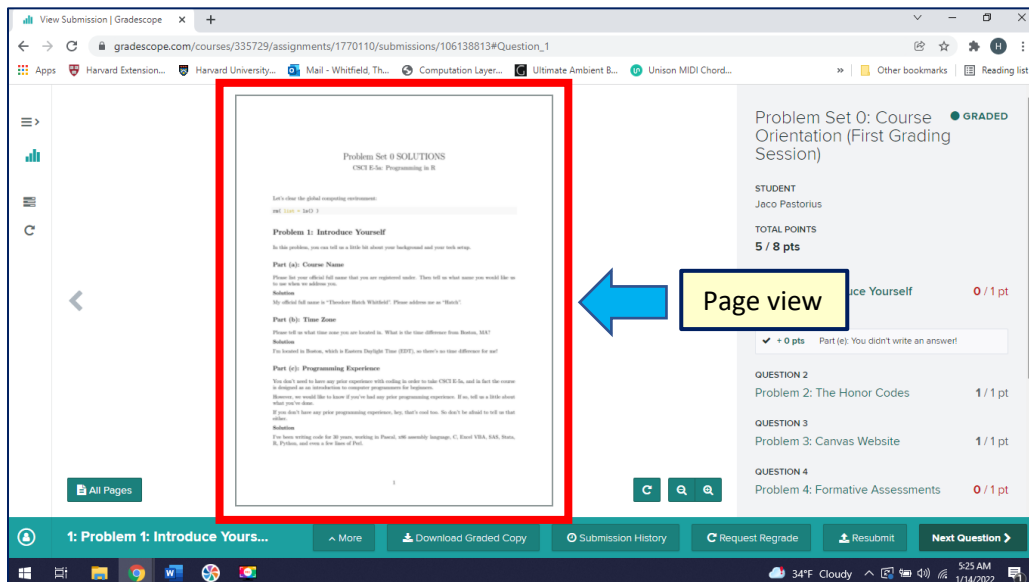


Figure 34: Graded assignment: page view

The right-hand pane is a grading summary:

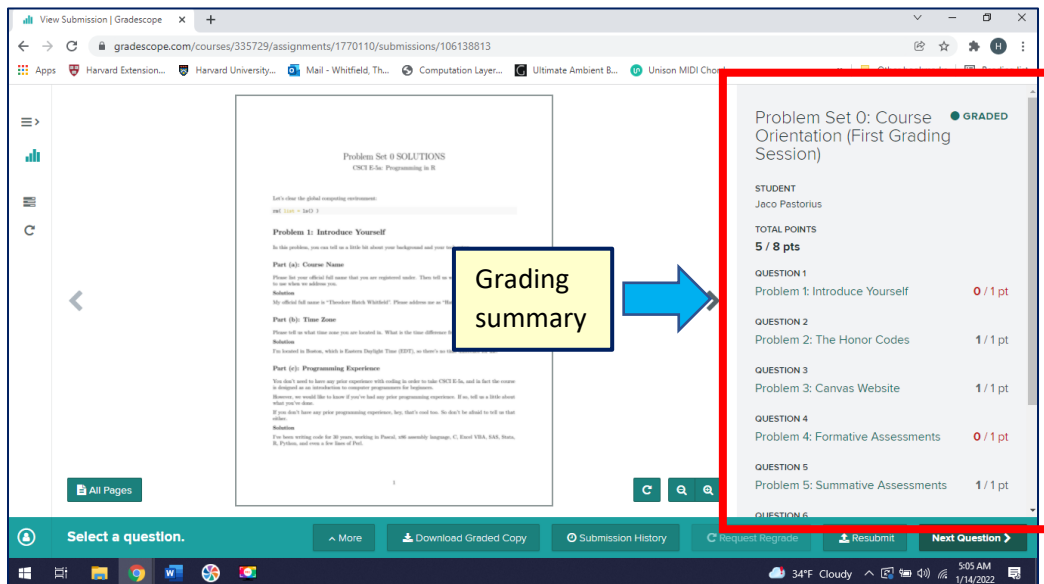


Figure 35: Graded assignment: grading summary

At the top of the grading summary, we can again see the summary score of 5 points out of 8 total:

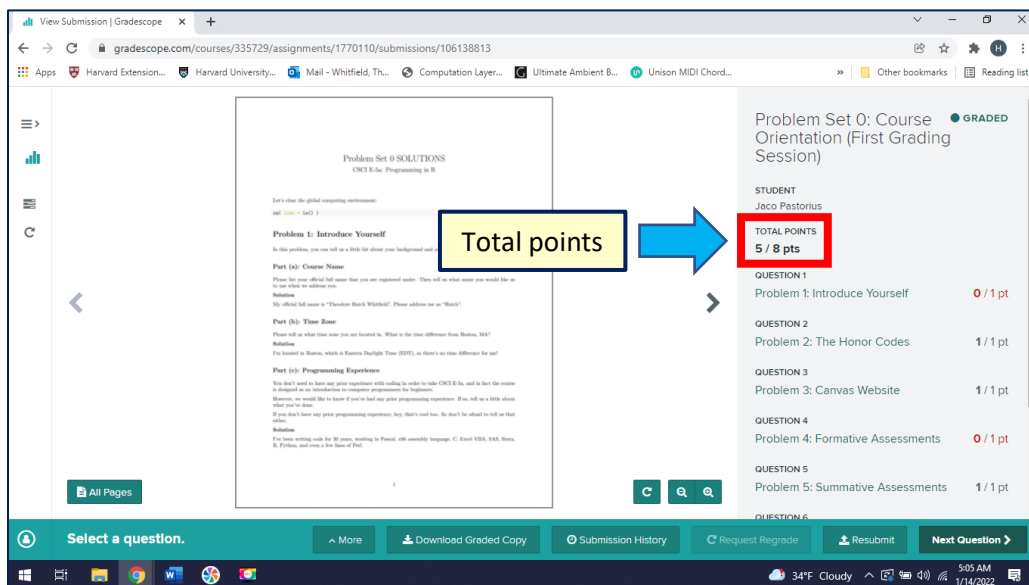


Figure 36: Graded assignment: total points

Beneath that we can see the result for each individual problem:

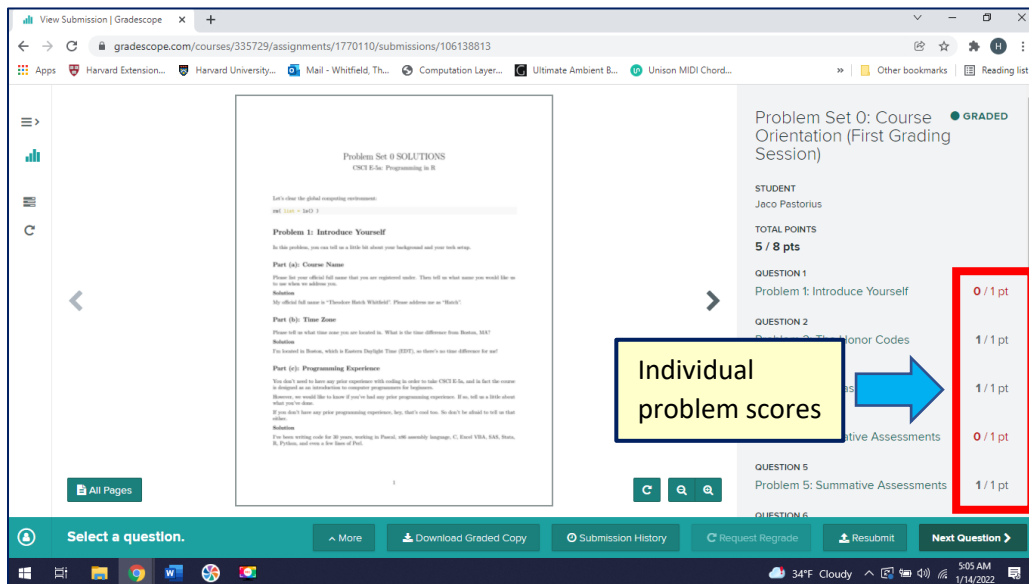


Figure 37: Graded assignment: individual problem scores

On this submission, Questions 1, 4, and 7 were incorrect. When we click on Question 1, the scoring rubric is displayed:

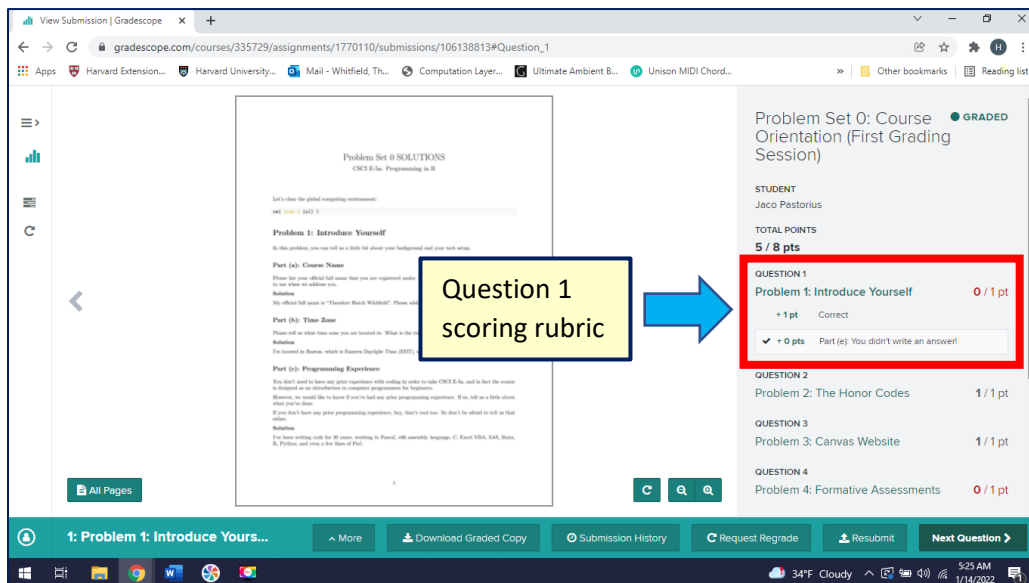


Figure 38: Question 1 scoring rubric

Let's take a closer look at that scoring rubric:

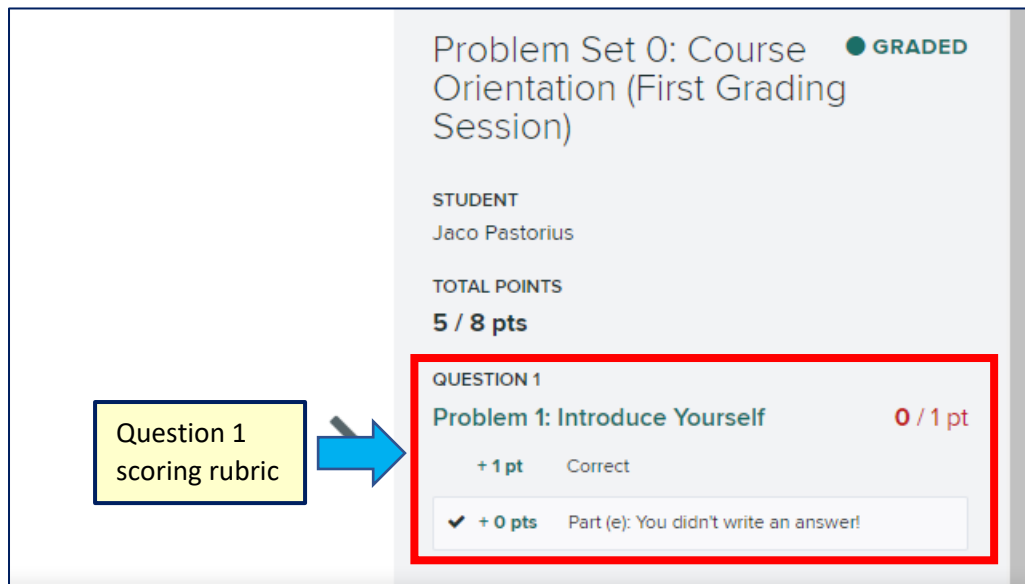


Figure 39: Question 1 scoring rubric (close-up)

For Problem 1, the rubric indicates that there was no answer for part (e). Let's take a look at the actual text of the submission. Part (e) is on page 2:

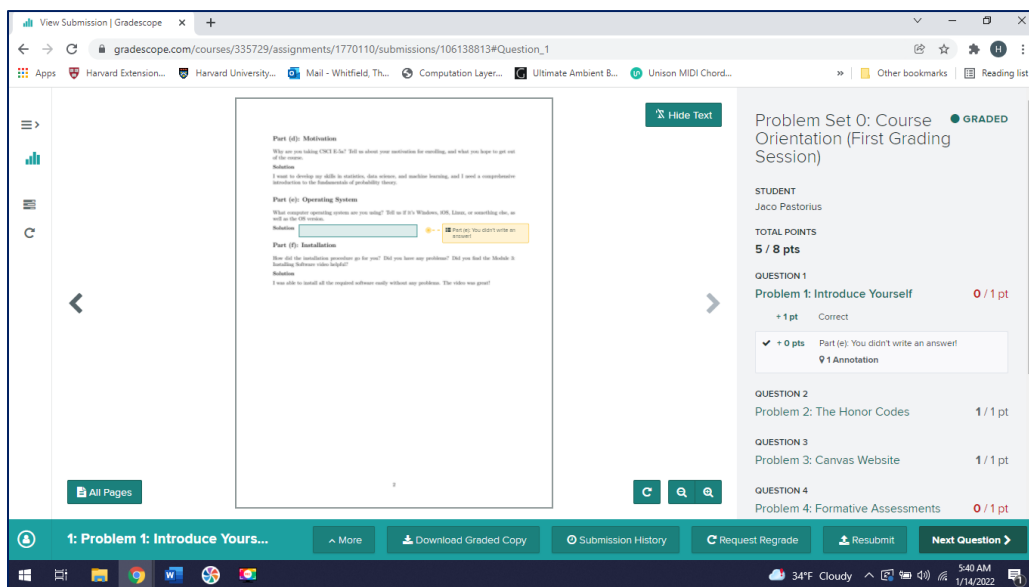


Figure 40: Problem Set 0 page 2

In the lower-right hand corner of the Page view there are two buttons for Zoom In and Zoom Out.

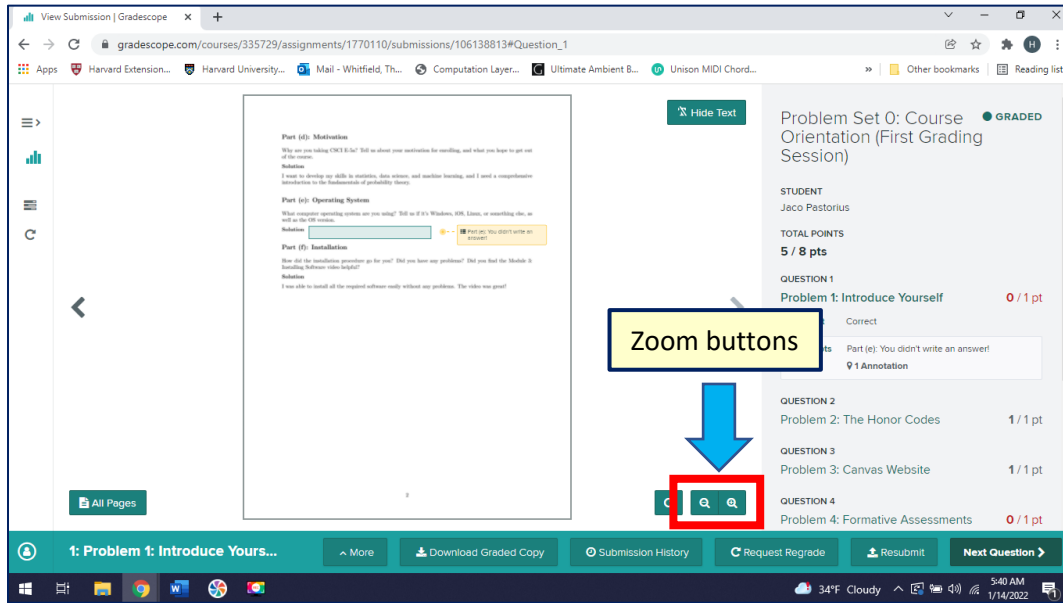


Figure 41: Page view zoom buttons

Let's click on Zoom In four times, and then move the page so we can look at Part (e). Notice that, just as the rubric said, there is no answer for this part:

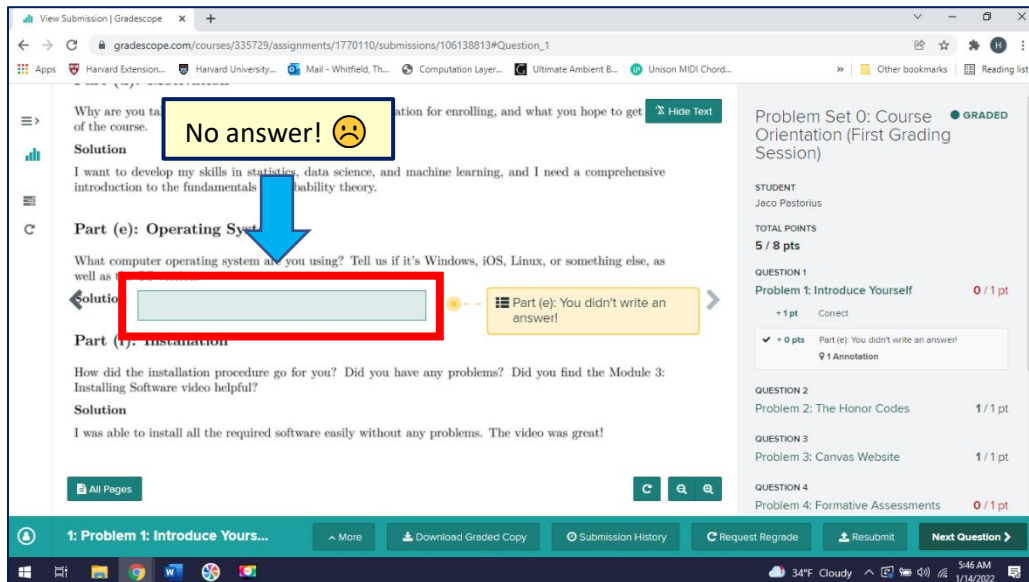


Figure 42: Question 1 no answer with annotation

Also, there is a short text annotation that also states “Part (e): You didn’t write an answer!”.

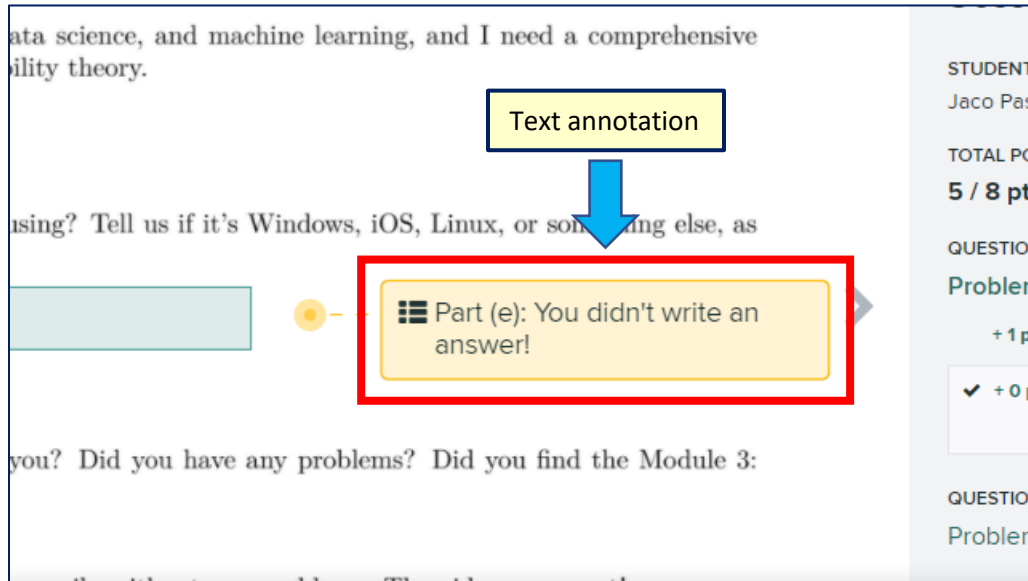


Figure 43: Question 1 no answer with annotation (close-up)

In general, we’ll always try to mark your submission so that you can find where you went wrong, and why it was wrong. We won’t debug your code for you, but if you write it clearly we might be able to give you some hints.

OK, let’s move on to Question 4:

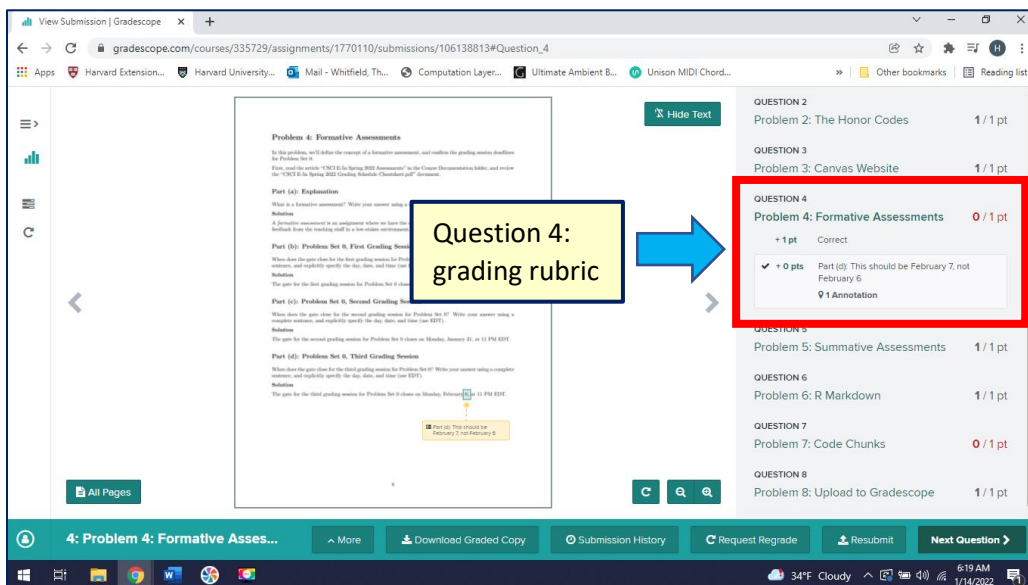


Figure 44: Question 4 grading rubric

The rubric entry in the grading summary says “Part (d): This should be February 7, not February 6”:

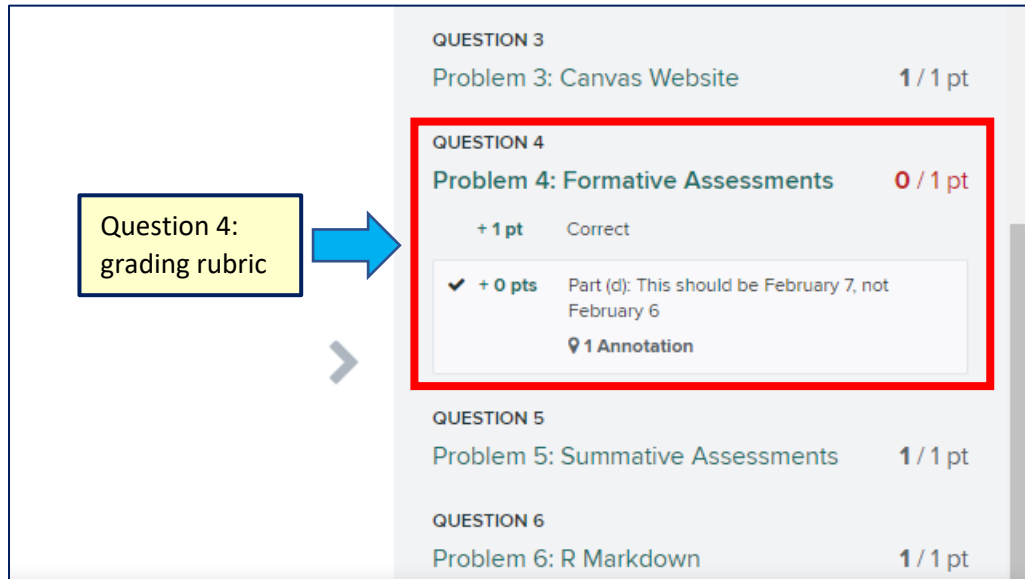


Figure 45: Question 4 grading rubric (close-up)

In Page View, you can see that in part (d) of Question 4 the date for the Problem Set 0 (third grading session) is incorrectly reported as Monday, February 6, when in fact it should really be Monday, February 7:

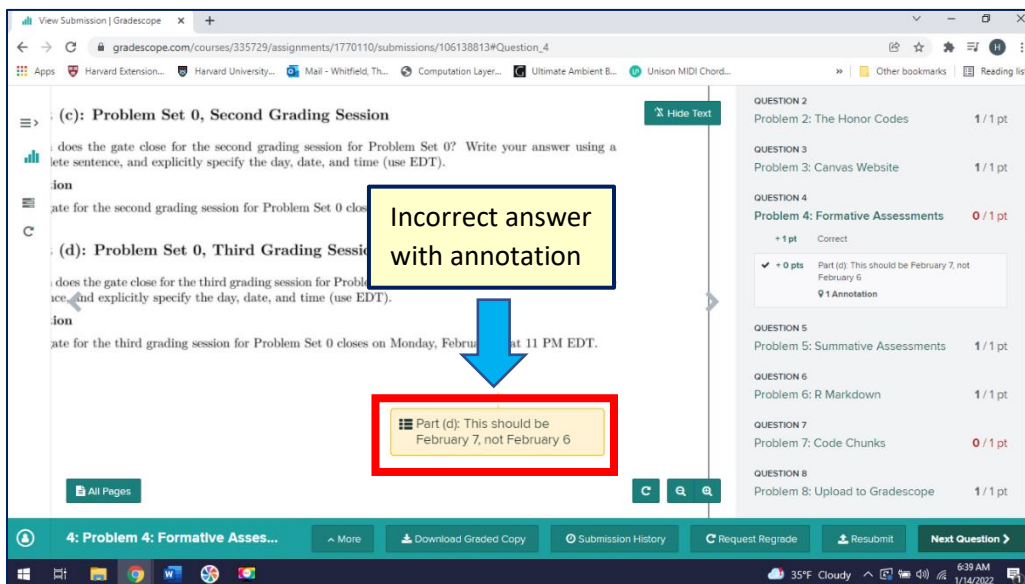


Figure 46: Problem 4 part (d) incorrect answer with annotation

Again, there is a short text annotation indicating where the mistake was, and what it was.

Now for Problem 7:

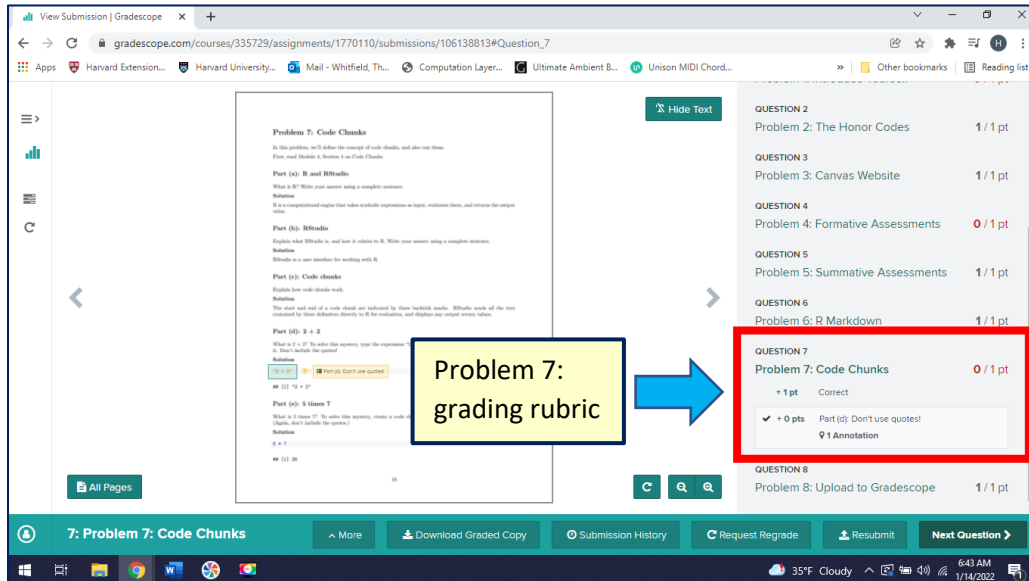


Figure 47: Problem 7: grading rubric

The grading rubric says “Part (d): Don’t use quotes!”

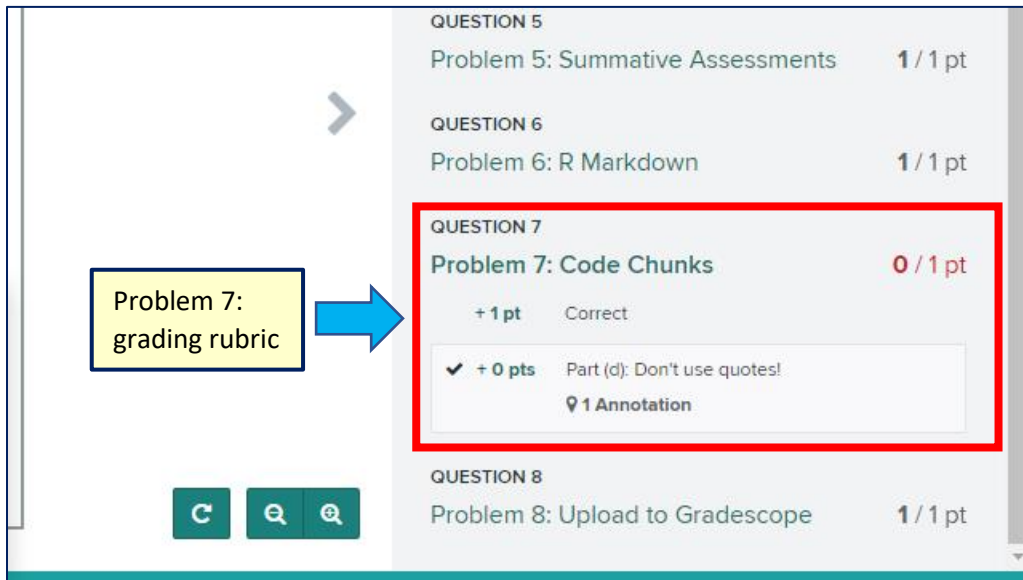


Figure 48: Problem 7: grading rubric (close-up)

When we look at the document in Page view, we can see that the expression in the code chunk contains quotes, and there is also a short text annotation:

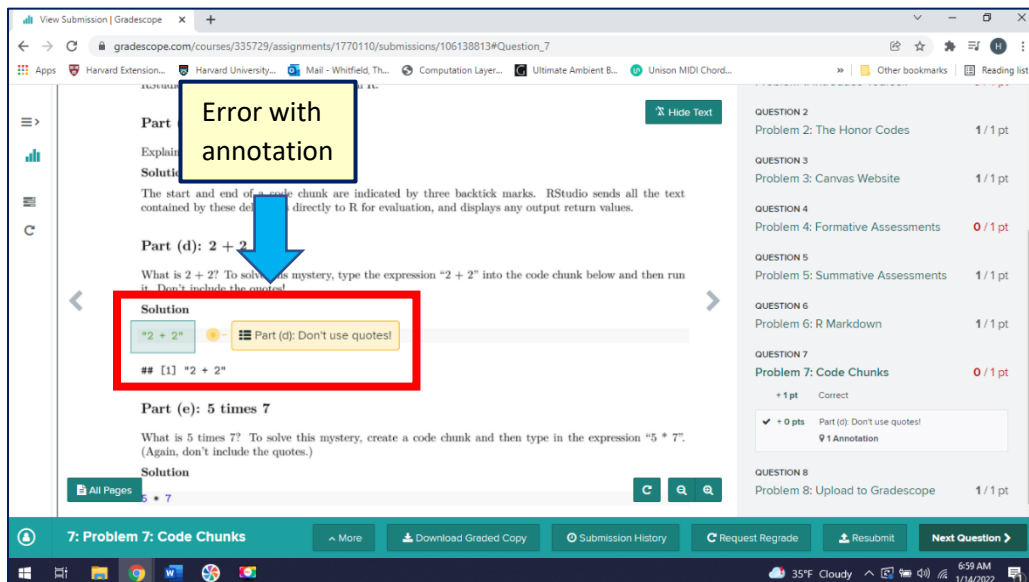


Figure 49: Problem 7: error with annotation

Now let's consider how we report your Problem Set 0 score in Canvas Grades. Recall that the link for Canvas Grades is at the bottom of the course menu:

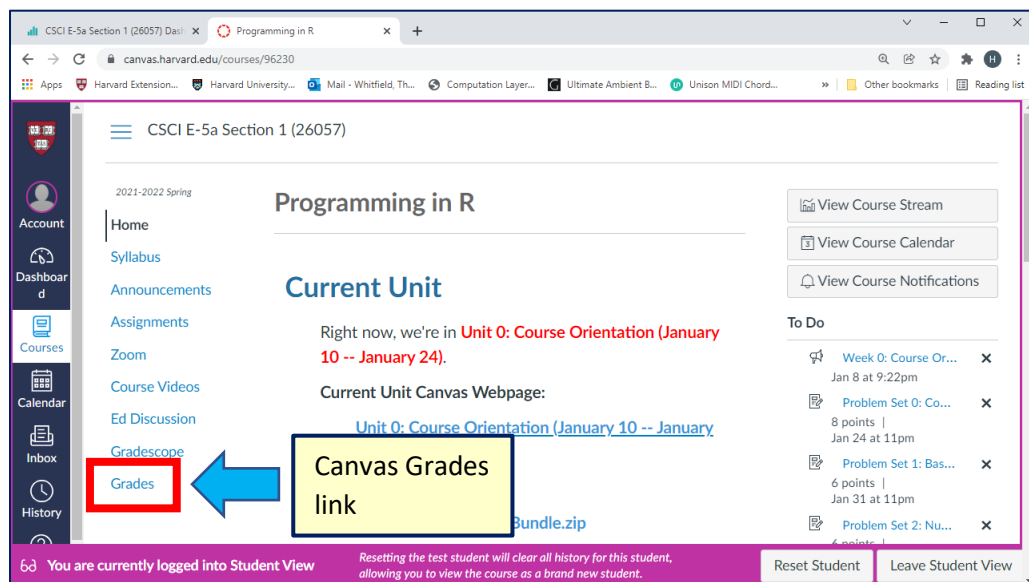


Figure 50: Canvas Grades link

Clicking on this menu link takes us to the Canvas Grades page, where we record the official score:

The screenshot shows the Canvas Grades page for CSCI E-5a Section 1 (26057). The page title is 'Grades for CSCI E-5a Section 1 (26057) > Grades > Test Student'. The page includes a sidebar with navigation links: Account, Dashboard, Courses, Calendar, Inbox, and History. The main content area shows a table of grades with columns: Name, Due, Status, Score, and Out of. The first row is highlighted with a red box and labeled 'Problem Set 0 official score' with a blue arrow pointing to it. The row shows 'Problem Set 0: Course Orientation Problem Sets Group 1' with a due date of 'Jan 24 by 11pm', a score of 5, and an out of 8. The page also includes a 'Print Grades' button and a 'Show All Details' button. A note on the right states 'Calculation of totals has been disabled' and 'Course assignments are not weighted.' A checkbox for 'Calculate based only on graded assignments' is checked. A footer message states 'You are currently logged into Student View' and 'Resetting the test student will clear all history for this student, allowing you to view the course as a brand new student.' Buttons for 'Reset Student' and 'Leave Student View' are also present.

Name	Due	Status	Score	Out of
Problem Set 0: Course Orientation Problem Sets Group 1	Jan 24 by 11pm		5	8
Problem Set 1: Base R	Jan 24 by 11pm			

Figure 51: Canvas Grades page: official score for Problem Set 0

This is the score that is used in calculating your final grade. We encourage you to monitor these scores throughout the semester, and if you feel that a score is incorrect you should contact us immediately.

So that's how to review a graded assignment in Gradescope and Canvas Grades.

Now let's see how to submit Problem Set 0 for a regrade.

Section 4: Submitting Problem Set 0 for a Regrade

Main Idea: *We can submit Problem Set 0 for a regrade*

In this section, we'll see how to submit Problem Set 0 for a regrade.

Once we've reviewed the feedback from the first grading session, we can revise Problem Set 0 and resubmit it during the second grading session for Problem Set 0. When Week 2 starts, the first grading session ends and the second grading session begins, so that the Gradescope dashboard will look like this:

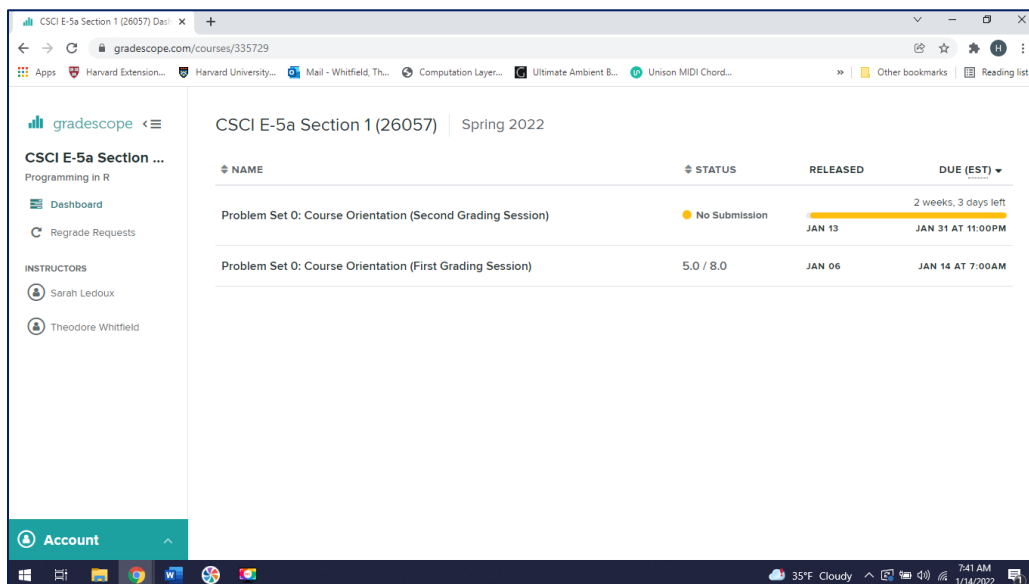


Figure 52: Gradescope dashboard: Week 2

Notice that now the Problem Set 0 (second grading session) is open, indicated by the orange timeline bar:

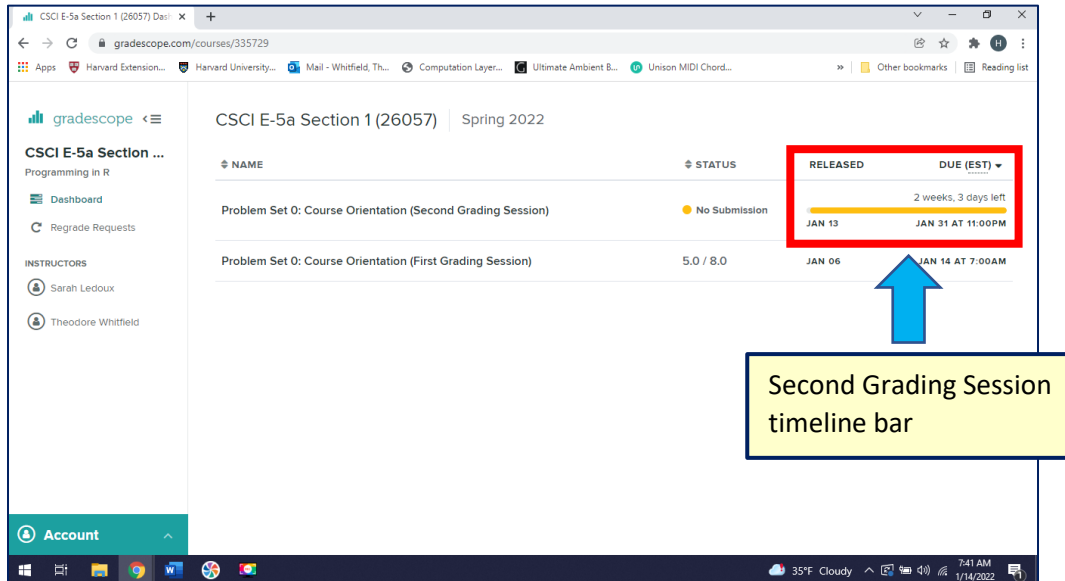


Figure 53: Gradescope dashboard: second grading session timeline bar

There is no timeline bar for Problem Set 0 (first grading session), because it's closed:

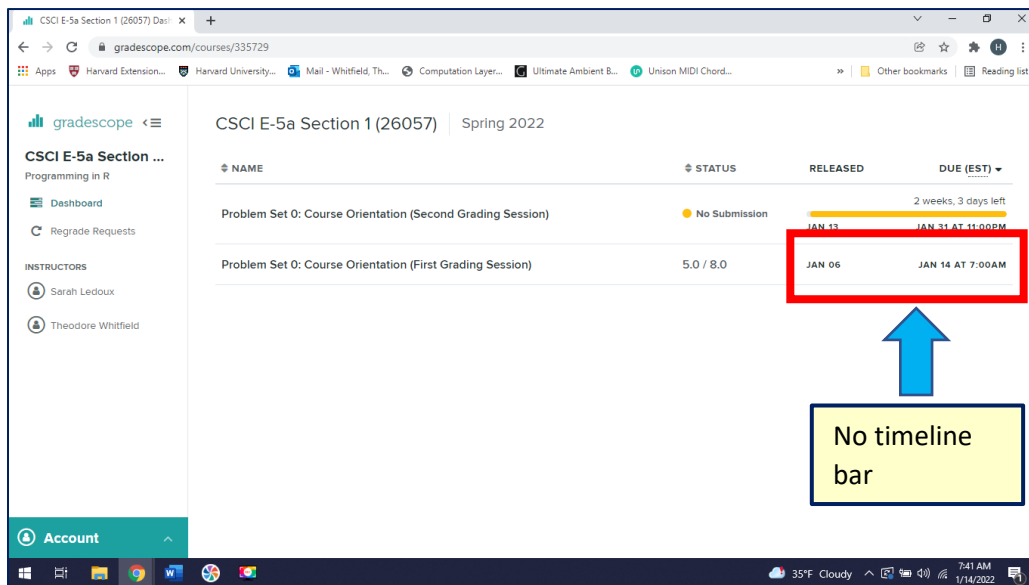


Figure 54: Gradescope dashboard: first grading session timeline bar

To submit a revised version of Problem Set 0 for a regrade, click on the item for the second grading session:

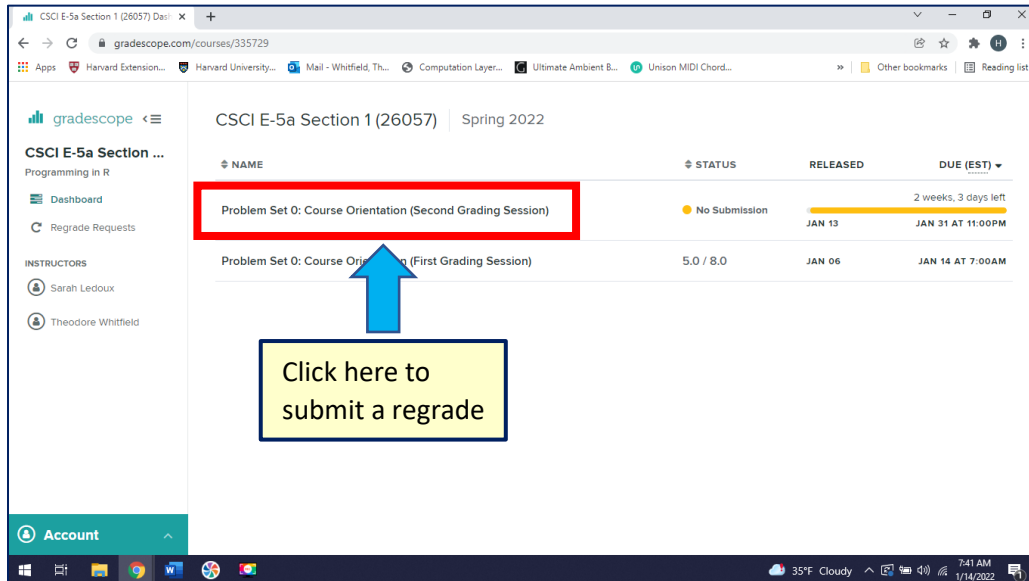


Figure 55: Gradescope dashboard: submitting a regrade

The process of selecting PDF file for uploading is exactly the same as before. However, when submitting a regrade, only associate pages with problems that you want to be regraded. If you got a problem correct on the first session, don't resubmit it for grading. Instead, just select the problems that you got wrong and have now fixed. For this student, that means problems 1, 4, and 7, so only those problems should be associated with pages:

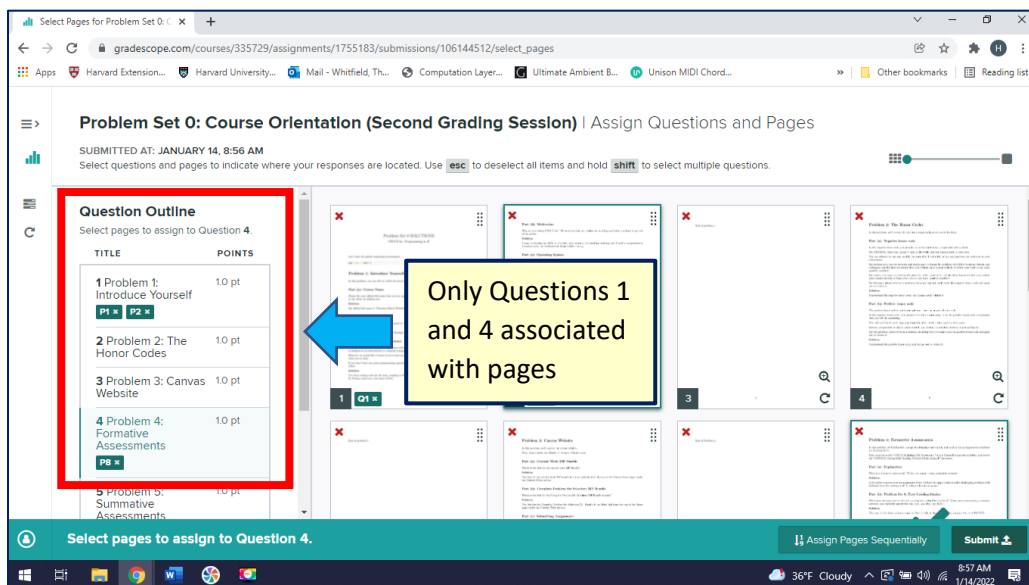


Figure 56: Associating pages only for Questions 1 and 4

Let's take a close-up view of the Question Outline pane, and note that Question 2 and 3 are not associated with any pages:

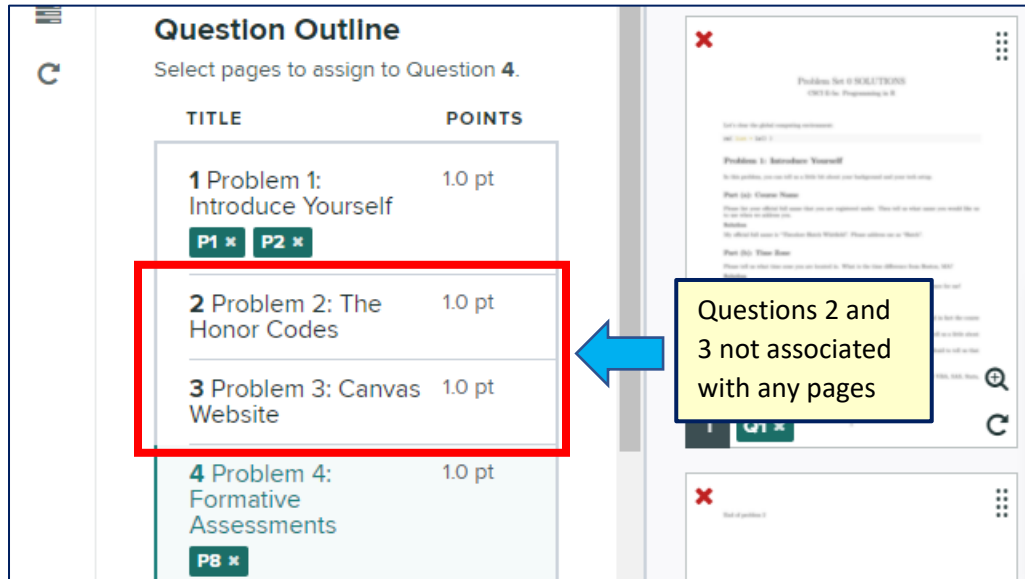


Figure 57: Gradescope dashboard: second grading session timeline bar

Remember – when submitting a problem set for a regrade, only associate pages with problems that you want regraded. If you got it right previously, then there's no need for the TAs to regrade the problem, so don't associate any pages for those problems. Once you've associated pages with the problems that you want regraded, then you can submit the problem just as you did previously.

Suppose that when this problem set is graded, the student gets Problems 1 and 4 correct, but still has an error on Problem 7. Then the score for Problem Set 0 (second grading session) is 2:

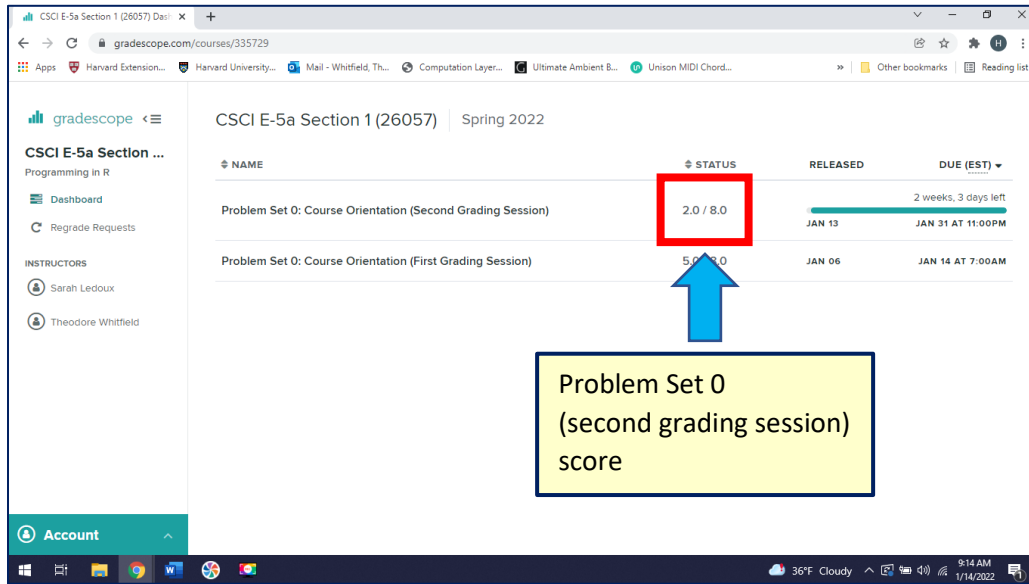


Figure 58: Problem Set 0 (second grading session) score

Notice that Gradescope reports each grading session as a separate assignment, which provides a high degree of detail. Your final score for a Problem Set consists of taking your results from the three grading sessions and combining them.

Unfortunately, Gradescope doesn't have the capability of doing this, so I download the raw scores, merge them together, calculate your final score, and then upload this to Canvas.

To see these official combined scores, return to the Canvas Grades page:

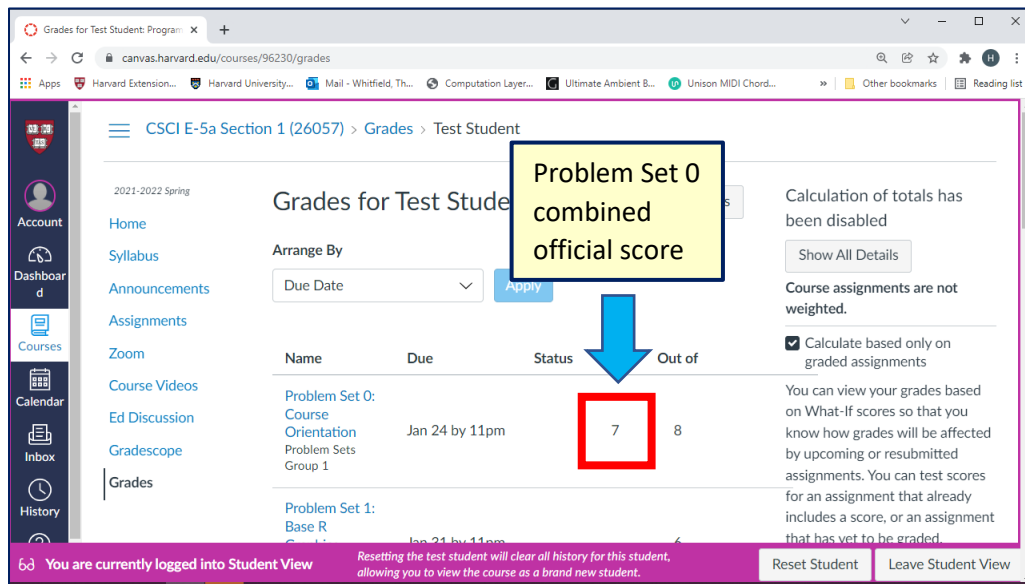


Figure 59: Canvas Grades: Problem Set 0 combined scores

Now you can see the current official score of 5 points out of 8 total for Problem Set 0.

As the course goes on, the Canvas Grades display will fill up with more assignments. The scores that are reported on the Canvas Grades page represent our understanding of how many points you've scored on any assignment, combined over all grading sessions. You should review these scores consistently, and if you think an error has occurred you should contact us immediately.

So that's how you can review your official course scores. Now let's review what we've learned in this module.

Module Review

In this module, we learned how to use Gradescope and Canvas Grades.

- In Section 1, we saw how to upload our finished Problem Set 0 PDF to Gradescope.
- In Section 2, we saw how to review our work once it's been graded.
- And in Section 3, we learned how to upload revised problem sets for regrades.

Now that you've completed this module, you should be able to:

- Upload Problem Set 0 to Gradescope.
- Review graded assignments
- Upload a revised problem set to Gradescope for a regrade.

All right, that's it for Module 6: Gradescope and Canvas Grades.

In fact, that's all the content for Week 0: Course Orientation.

We are excited to see your Problem Set 0 submission in Gradescope!