

CSCI 3000 DA (Web Programming)

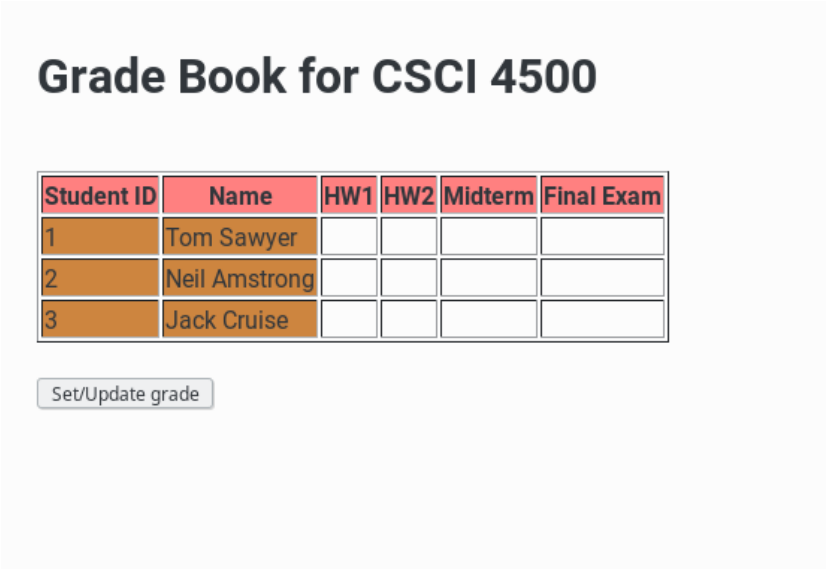
Fall 2018

Homework 5

1. Create an HTML web page, which display a grade book using HTML tag `<table>`. Provide your own table styling in an CSS file. Then create a button that allows to set or update the grade using JavaScript.

The sequence of the actions should be as follows:

- When the HTML file is rendered by the browser it displays the current grade book. See Figure 1.



Student ID	Name	HW1	HW2	Midterm	Final Exam
1	Tom Sawyer				
2	Neil Amstrong				
3	Jack Cruise				

Set/Update grade

Figure 1: The grade book

- To set or update a grade, push the button “Set/Update grade”. This will prompt the user to enter the Student ID. See Figure 2.
- Then it will prompt the user to enter a number corresponding to the homework, midterm or final exam that will be set or changed. See Figure 3.
- Next the user will be prompted to enter the grade. See Figure 4.
- Finally the table will be updated. See Figure 5.

Grade Book for CSCI 4500

Student ID	Name	HW1	HW2	Midterm	Final Exam
1	Tom Sawyer				
2	Neil Armstrong				
3	Jack Cruise				

Set/Update grade

Enter Student ID

Cancel OK

Figure 2: Prompt to enter Student ID

Grade Book for CSCI 4500

Student ID	Name	HW1	HW2	Midterm	Final Exam
1	Tom Sawyer				
2	Neil Armstrong				
3	Jack Cruise				

Set/Update grade

Enter 2 for HW1, 3 for HW2, 4 for Midterm, 5 for Final Exam

☐ Prevent this page from creating additional dialogs

Cancel OK

Figure 3: Prompt to enter a number which corresponds to hw1 (2), hw2 (3), midterm (4) or final exam (5).

Grade Book for CSCI 4500

Student ID	Name	HW1	HW2	Midterm	Final Exam
1	Tom Sawyer				
2	Neil Armstrong				
3	Jack Cruise				

Set/Update grade

Enter Grade

☐ Prevent this page from creating additional dialogs

Cancel OK

Figure 4: Prompt to enter the grade.

Grade Book for CSCI 4500

Student ID	Name	HW1	HW2	Midterm	Final Exam
1	Tom Sawyer				
2	Neil Amstrong			85	
3	Jack Cruise				

Set/Update grade

Figure 5: Updated grade book.