

1/21/2021

CS301 Introduction to Programming with JavaScript

## *General instructions for daily assignment submissions*

Each day you will find a PDF file of instructions for the daily assignment in the Sakai Resources > assignments directory. Download and read those instructions carefully and complete as many of the tasks as possible before the due time. The daily assignments are mainly for your learning. You will learn most if you try to do them on your own, but also feel free to ask the instructor or TA or collaborate with colleagues. Stay focused and maintain a good daily routine for maximum long-term success.

The daily assignments show a due date generally for 9:30PM of that day. By that time you should submit a status report on how far you have gotten in the assignment and any questions you have about the assignment or the day's material. Even though Sakai shows the due date as 9:30PM that day Sakai will accept reports up to 24 hours later. There is no penalty for submitting it in that 24 hour time period. Often, many students do not complete the entire assignment by 9:30 on the given day. However, it is still best practice to submit your status report by then. You can complete the assignment and update your report (once) over the next 24 hours, but it is optimal for you to get me feedback on how you have done that day.

The status report should be submitted in the Sakai Tests&Quizzes tab. You will find a quiz labeled Day 1.1 Assignment status Algorithms for the first day's assignment, and similarly labeled for each subsequent day. The quiz has a single question which is a short answer question and that is where you should submit your status report.

It is a good idea to type your report somewhere else, e.g. in Word. Then paste it into the quiz textbox.

Your grade for your daily assignment is mainly determined by the quality of this short status report, and particularly how well you follow the instructions (specifications) for the report. Even if the lab is not 100% complete you will still get a good grade if you submit a good status report that accurately describes the status. E.g., I completed all parts of the assignment successfully; or, I completed most of the assignment, but am still working on x and y; or I only completed part a; etc.

As noted above, the daily assignments are mainly for your learning, and are not a large portion of the grade. All the daily assignments and all the daily quizzes combined count for only 10% of the grade. If you turn them in each day you should do well on this part of the grade. The most important thing in terms of the course grade is that you learn from these exercises so that you can do well on the exams.

In your status report you should include a comment about something noteworthy or interesting that you learned or encountered, and give some estimate of how long the various parts of the assignment took. For example,

This lab looks easy, but at the beginning I got stuck with value change listener because I didn't really understand how to achieve the current value of user input (I got this problem because I took firstname to compare with data in array list directly). The correct solution is I should get the current input value of firstname through `e.getNewValue().toString` and use this value to check with arraylist. It took me about 2.5 hours to complete this lab and another 2 hours to do the readings and review questions.

Also include a link to your GitHub repository for the course. You should push your code for each day to your course repository. Each day should have a folder that has a title like "W1D1 functions" for the first day, "W1D2 object properties" for the second day, etc. That folder should contain files with all your code for the day.

Finally, please include any questions on the assignment or the day's material. I try to read the reports each day and try to answer any questions in them that night or the next day.

#### General Grading Rubric for daily status reports

- 8 points. Good status report including:
  - description of which exercises are complete or not complete,
  - Link to Github repository,
  - time spent,
  - problems encountered,
  - outstanding questions,
  - any noteworthy insights
- 9 points
  - Status report as above and most of assignments completed
- 10 points
  - Above and almost everything complete with neat code and output
- 7 points or less
  - Weak, incomplete status report

Below are several examples of good reports from a previous course:

<https://github.com/myname>

I finally got to work on my web page to submit my assignments. With the help of H\_\_ , J\_\_ and A\_\_ I could do it. I know I can do it in a much better looking format. I will work on that in the coming days.

Other than my pending problems on yesterday's assignment, It took me just 1.5 hours to go through all the problems in today's assignment. There are still some confusions to go through though.

1. I am confused on how `Object.entries` work for the solution to maximal salary.
2. I am little confused on European date. May be my revision from tomorrow morning might help. I will look forward to it.

<https://github.com/myname>

I have a different solution for the clock assignment. However I think your solution in class is better.

The bank account assignment is really difficult. I was stuck and had to research on MDN web docs, stackoverflow and asking around. When I got stuck, I tried to edit the code until it worked. It took a lot of time. I will have to practice this assignment a couple more times.

<https://github.com/myname>

Finished up Assignment W3D6 F.prototype and `Object.create`

Completed W4D1 Part 1 and 2 in about 3 hours.

for the static `nextNumber` for Bank accounts i used a constructor property but now I think i should of added it to the Bank Class.

also added a return to `addInterest()` so I could have the amount for the last reporting section. A property would probably work better.

After I made a drawing of everything (classes/properties/methods) on paper it was not too difficult to figure out.

<https://github.com/myname>

This is my link for all the assignments I have completed till today. I do not know why it took me longer to go through the reading material on classes. That took me almost 4 hours to do the assignments. There were lots of confusion on why there is error in some cases and in which cases the child object takes from parent and all. The role of constructor in parent and child confused me for a bit. But I reached to the conclusion that if a constructor in child has the same property as parent than use `super`. It doesnt matter if that property is inside constructor or as other property in the parent class itself. I didnt understand the extended clock version. If there is start property already in the clock why is the solution using the same property again.

I also went through account assignment. That was not as scary as i thought it was when I first saw it in the normal text file. I could fairly read and understand through it. I wanted to create a test file for each methods and I got into confusion.

1. since those methods do not have return statement in it, How can "it" command check if they are equal.

2. Let's suppose it works. In that can should the method be stated in "it" function with dot(.) notation? will it work?