Name: _____

Date: _____

Collaborators: _____

(If applicable, collaborators submit their individually written assignments together)

Question:	1	2	3	4	Total
Points:	10	15	15	15	55
Score:					

Instructor/grader comments:

1. (10 points)

   I signed up for a gitlab account on the GitLab server https://gitlab.phys.uconn.edu/. I used my UConn email address for the registration. I created the account with the 'name' part of my UConn email as my username. (For the reference, the 'name' part of the email address albert.2.einstein@uconn.edu is albert.2.einstein; it is **not** AlbertEinstein, Einstein, Albert, Einstein1905, or even albert.einstein.)

   Sign and date here: _____

2. (15 points)

   I watched the video Who invented the great numerical algorithms

   Sign and date here: _____

3. (15 points)

   Write a matlab script (place it into a file **hw01p3.m**) that plots the graphs of the following two functions $y_1(x) = \sqrt{x}$ and $y_2(x) = e^{-x}$ for $0 \le x \le 1$. Use at least 50 data points. (Do not use symbols to mark the data points.) Provide axes labels, a title, a grid, and a legend for your figure.

   The very first two command in your script must be

```
clear
clf
```

Gitlab

4. (15 points)

   Create a gitlab project called **hw01** (name it exactly as shown).

   Create a file called README.md. (Properly-created content of README.md will be automatically pretty-printed for you.) Edit the file and indicate whether or not you watched the video from Question 2 above. (Do this in addition to signing Q2.)

   Share the project with the instructor (gitlab user name `m3510_21f_in`) and grant him the **Reporter** privileges.