

ICS 454 - Homework 1

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Attempted: 6 of 7

October 1, 2017

1 Forouzan §1.2 Exer 4

The paragraph here should give the solution of Exercise 4 of Section 1.2 of Forouzan's book (by default). When you are done, copy the header of the question, and change the details for the next exercise. Keep the header even if you don't solve the problem to maintain the correct numbering of the questions, like Question 2 below.

2 Forouzan §1.2 Exer 5

3 Forouzan §1.3 Exer 1

Assume this exercise has several parts, and parts (a,b, d) are required.

(a) This paragraph gives the solution of Exercise 1 part (a) of Section 1.3 of the textbook. If an exercise has several parts, it will only have one header and a tag for each part like this. If this HW asks for 3 parts (a, b and d), and you don't solve part (b) for example, then leave an empty tag for part (b), like this:

(b) ...

(d) If part (b) was not included in the HW. You should not leave the empty tag. Just write the tags for (a) and (d). Parts with wrong tags may not be graded correctly. If you attempt any part, you should list all other required parts, and count this exercise as *Attempted* in X of Y in the *main header*. If you did not attempt any part at all, just keep an empty exercise header like in Question 2.

4 LNGT §1 Exer 2

This is an example of a question taken from a handout or a reference other than the default textbook.

5 Extra problem: EP 1

Sometimes extra problems are given by the instructor without a book reference. This shows the header format of extra problems. Notice that the section number is also skipped.

6 Extra problem: EP 2

Equations and graphs can be properly edited using professional tools, like this:

$$y = \sum_{i=1}^n x_i^2 \sqrt{x_{i+1}}$$

You may use any software of your choice to write your homework, \LaTeX is highly recommended. Notice that in \LaTeX we use double dollar-sign $\$$ to put the equation in a Display form. However, we can use single dollar-sign to have the same equation in-line. For example, we may have $y = \sum_{i=1}^n x_i^2 \sqrt{x_{i+1}}$ which looks very neat in text (in-line) form. \LaTeX makes it easy to use other Latin symbols instead of x and y , like this

$$\beta = \sum_{i=1}^{\gamma^n} \alpha_i^2 \sqrt{\delta_{i+1}}$$