

CME 334

Lab 1

Tuesday January 20, 2022

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The python files included are enough to run all of the required exercises except for 3.2, which was not completed. All of the python files can be included directly from a python3 terminal session, and the provided functions may be executed as explained in the lab manual; parameters and inputs should be self-explanatory based on the code provided.

Exercise 2.2.d

```
>>> import tck290_lab1_e2_2_d
>>> str = 'As someone once said: "Free Software" is a matter of liberty, not price. The term "Free" should be taken to mean "Free Speech".'
>>> tck290_lab1_e2_2_d.print_subquote(str)
'Free Software'
>>>
```

Exercise 2.3

The provided lab1_ex2_3_record.txt file may be used during the testing of this exercise.

```
tyrelkostyk@LAPTOP-CLJNQBBB:/mnt/c/Users/short/Documents/git-repos/CME334/lab1$ python3
Python 3.8.5 (default, Jul 28 2020, 12:59:40)
[GCC 9.3.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import tck290_lab1_ex2_3
>>> tck290_lab1_ex2_3.print_records("lab1_ex2_3_record.txt")
"abc122" 10000000 51

"abc123" 10101010 50

"ghj455" 11236077 99

"tck290" 11216033 100

"xyz987" 01010101 0
>>>
```

Exercise 3.1

The website <https://www.digikey.ca> was used for the testing of this exercise.

```
tyrelkostyk@LAPTOP-CLJNQ8BB:/mnt/c/Users/short/Documents/git-repos/CME334/lab1$ python3
Python 3.8.5 (default, Jul 28 2020, 12:59:40)
[GCC 9.3.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import tck290_lab1_ex3_1
>>> website = "https://www.digikey.ca"
>>> tck290_lab1_ex3_1.get_image_names(website)
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Omron_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/Product-FlyoutsAlpha-Wire.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Littelfuse_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/TE-Connectivity_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2021/Product_CUI.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Hammond_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Delta_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Newhaven_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Kemet_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Meanwell_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2021/Nimbelink-Flyout.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/ADI_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2019/A/Product-FlyoutsBosch.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/BK_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/main-cat-flyouts/2020/Wiha_Product-Flyouts.jpg
//www.digikey.ca/-/media/Images/ENavHeader/Featured%20Resources/parttracing-tab.jpg
//www.digikey.ca/-/media/Images/ENavHeader/Featured%20Resources/techforum-tab.jpg
//www.digikey.ca/-/media/Images/ENavHeader/Featured%20Resources/rd1-tab.jpg
//www.digikey.ca/-/media/Images/ENavHeader/Featured%20Resources/schemeit-tab.jpg
https://www.digikey.com/-/media/Images/2021%20Homepage%20Images/Large/Worlds-Largest.jpg
background-image:url(//www.digikey.ca/-/media/Images/2021%20Homepage%20Images/Large/TechForum.jpg
background-image:url(//www.digikey.ca/-/media/Images/2021%20Homepage%20Images/Large/Article%20Library.jpg
background-image:url(//www.digikey.ca/-/media/Images/2021%20Homepage%20Images/Large/Makerio.jpg
```