HELLO!

I am Saroosh

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This course

- ❏ Full hands on course in Python 3
- ❏ You will not use any IDLE or integrated development environments, just a simple text editor.
- ❏ Follows the book Learn Python 3 the Hardway (You will receive a copy)
- ❏ You will learn the in's and out's of object oriented programming
- ❏ You will create multiple working applications throughout the course
- ❏ You are expected to complete HW after every class.
- ❏ There are 52 exercises to complete over 10 weeks.

Today's lesson

❏ By the end of this lecture you should be able to:
  ❏ Setup the Python environment on the operating system of your choice (Let's do Linux)
  ❏ Confirm that the Python Environment is setup correctly
  ❏ Write exercises using ATOM (Text editor)
  ❏ Run the exercises from terminal or Powershell depending on the environment.
  ❏ Fix any issues with your code or sample code

O.

SET UP

Let's start with the exercise 0, the setup, at page 3

> **"**
>
> Set up a distraction–free environment for yourself that will help you focus at your task

IDE VS IDLE

✘ which one are we using for this course?

Once the environment is set up:

✗ continue to page 5 and complete the exercise *Finding Things on the Internet*

✗ Discuss the exercise

Print

✘ Print using *atom*

✘ Run the file using linux/macOS terminal

✘ Do you see the expected output?

STUDY DRILLS

Study Drills contain things you should try to do. If you can't, skip it and come back later.

Common errors and questions

✘ Error

✘ file doesn't run;.

✘ can't open file

More exercises

×

2.

Comments and # character

Exercise using atom

✘ Write code in *atom*

✘ Run the file using linux

✘ Do you see the expected output?

STUDY DRILLS

Study Drills contain things you should try to do. If you can't, skip it and come back later.

More exercises

```
#12 percent of 120

      percentage = 12*120/100



      OR


percentage = 12*120/100 #12 percent of 120
```

Home work I

1. Read page 248 – 250
2. use page 251 – 281 to exercise the following cmd
   a. pwd
   b. mkdir
   c. cd
   d. ls
   e. rmdir
   f. cp
   g. mv

Home work II

1. Complete Exercise 0 at home, set up Python on the operating system of your choice.
2. Complete Exercise 3, numbers and math
3. Make sure to complete the study drills
4. Bring any questions with you to the next class