Homework review

✘   Exercise 3 covered numbers and math (page 16)

✘   Any questions related to the material?

✘   Any trouble running your code?

✘   Discuss the exercise

DATA TYPES

✗ data types in python
  ○ Numerical: int, float,
  ○ Sequence: string, byte
✗ data type is used for memory allocation, we don't need to specify data types in python

TODAY'S LESSON

❏ By the end of this lecture you should be able to:
- ❏ Define "Strings"
- ❏ Format "Strings"
- ❏ Fix any issues with your code or sample code
- ❏ Break and fix code
- ❏ print a string across multiple lines (using backslash \)
- ❏ escape sequence
- ❏ asking and prompting user for input

6.

STRINGS AND TEXT

page 26,

What is a string?

✘   more than one characters put together

What is a character?

✘   alphabet, digit, space, special characters: A single

15-Minute Exercise

✘ continue to page 26 and complete the exercise

✘ Discuss the exercise

Study drills

Complete and discuss study drills for exercise 6 on page 27

Any Questions?

Any errors?

Types of errors

✘ syntax
  ○ a typo
  ○ missing ' " ( )

✘ Runtime Error
  ○ calling an undefined variable

✘ Logical error
  ○ a wrong calculation

15-Minute Exercise

1. Introduce errors to your code for exercise 6
2. send it to a classmate to fix the error (make sure your file includes your name in it. You can send it to your partner via slack/email etc)

Homework review

✘ Exercise 7 to 9 deals with printing and more printing; printing strings, variables, numbers
✘ Any questions related to the material?
✘ Any trouble running your code?
✘ Discuss the exercise

Today's lesson

❑ By the end of this lecture you should be able to:
  ❑

10.

WHAT WAS THAT? (IN EXERCISE 9)

page 34

Exercise

✗   continue to page 34 and complete the exercise

✗   Discuss the exercise

[python string literals](#)

Study drills

Complete study drills

11.

Asking Questions (user input)

page

Print

✘ does asking user any questions in your program matter?

✘ what could be some of the examples when you need user's input?

✘ storing input in a variable

✘ continue to page 24 and complete the exercise

Study drills

Complete study drills for exercise

12.

Prompting People

page 40

Exercise

✘ continue to page 26 and complete the exercise

✘ Discuss the exercise

✘ Why prompt?

STUDY DRILLS
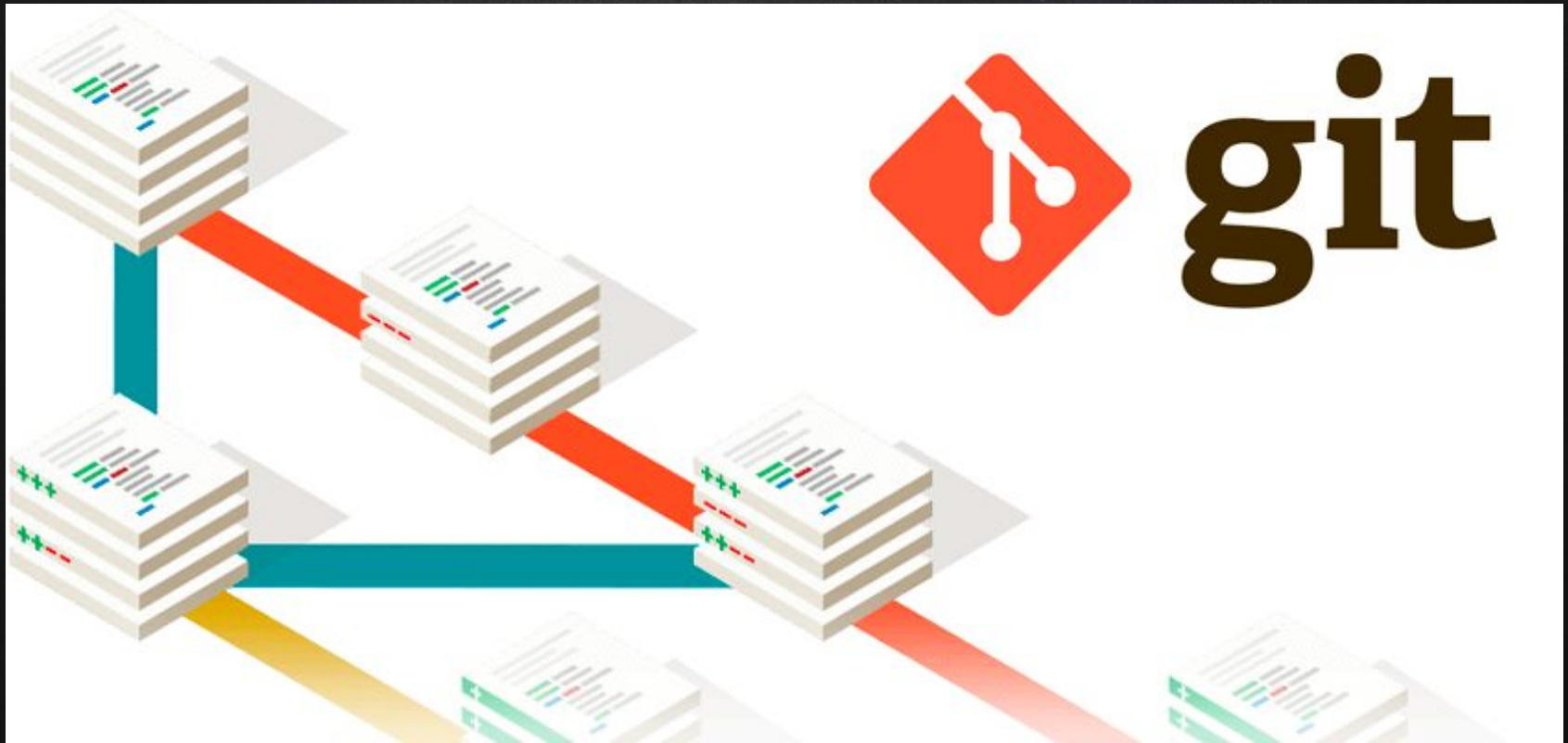
Complete and discuss study drills for exercise 6 on page 27

Version Control system

Github

1. Go to github.com
2. Create a repository
3. clone a repo
4. push your code
   a. git add *your file_name*
   b. git commit –m "*your message describing the changes*"
   c. git push *origin*

**Push your code to github after every exercise you do. HWs are to be submitted on github

13.

Parameter

A special variable that provides input

Exercise

✘ continue to page 26 and complete the exercise

✘ Discuss the exercise

✘ Parameter Vs Argument

STUDY DRILLS

Complete and discuss study drills for exercise 13 on page 44

Home work

1. See the HW pdf
2. Bring any questions with you to the next class

NOTE: This HW is required for next exercise