## CSE8A - Lecture 2

Wednesday, April 3, 2024 9:00 AM

PA1 released - due next Wednesday @ 8am

Discussions - 4-450 & 5-550

Lab - Thursday - see webreg for your registered time

How to use Stepik?

Go to Stepik Course: https://stepik.org/course/100726/syllabus

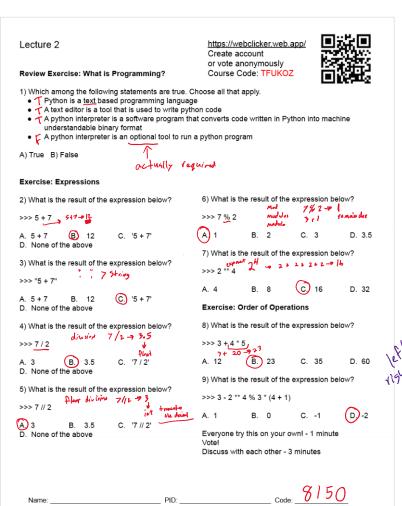
Click "Join this course"

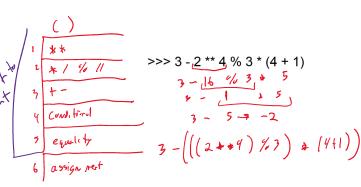
Click "Log in"

Note: Each section (e.g., 1.2) will have multiple steps with it

**Topics for Today** 

- Expressions
- · Order of Operations
- Numeric Data Types
  - o int
  - o float
- Variables

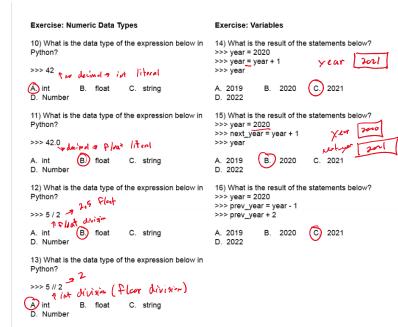




Exercise: Numeric Data Types

Exercise: Variables

10) What is the data type of the expression below in 14) What is the result of the statements below?



## 17) Writing a program

- Write a Python program to compute the perimeter of a rectangle
  Given values: width and height
  Store the result in: perimeter

- The program should print the area of circle as shown below

>>> width = 10 >>> height = 5 >>>perimeter

## 18) Writing a program

Write a Python program to calculate the weekly total pay for a student worker who is paid for each hour of work (no overtime).

width = 10 height = 5 perimeter = (2 \* width) + (2 \* height) print(perimeter)

pay\_rate = 20 hours\_worked = int(input("Hours worked: ")) total\_pay = pay\_rate \* hours\_worked print(total\_pay)

5 + 2.3 9 Float 5 + 2 9 7 Int 5 + 20 3 Plat