

# Intro to Python

IEEE Workshop



# How to get started

Choose between one of the two:

## Visual Studio

- Download Python from [python.org](https://python.org)
- Download Visual Studio Code



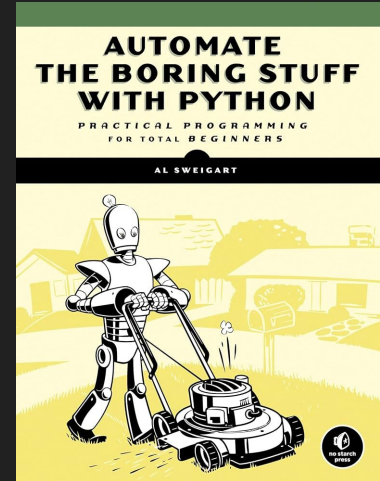
## Online Compiler

- Programiz
- Online Python
- Whatever else you can find



# Where to learn

- Youtube tutorials
- Automate the Boring Stuff with Python
- W3Schools
- This is not all, there are tons of resources



## Prompt #1: Introductions

Ask the user to input their first name, last name, and major

After the user has done that, print all the information onto a single line

Once you are done, get someone else to run through your code

## Prompt #2: Calculator

Ask the user to input two numbers

Then, ask if they want to add, multiply, subtract, or divide the two numbers

Return the new value

## Prompt #3: Odd or Even

For all integers between 1-100 (inclusive), create a loop that returns the number and if they are odd or even

## Prompt #4: Adding a list

Create a function that passes through a list of numbers and sums all the items in a list

Ex. (8, 5, 4, 7)

Expected Output: 24

