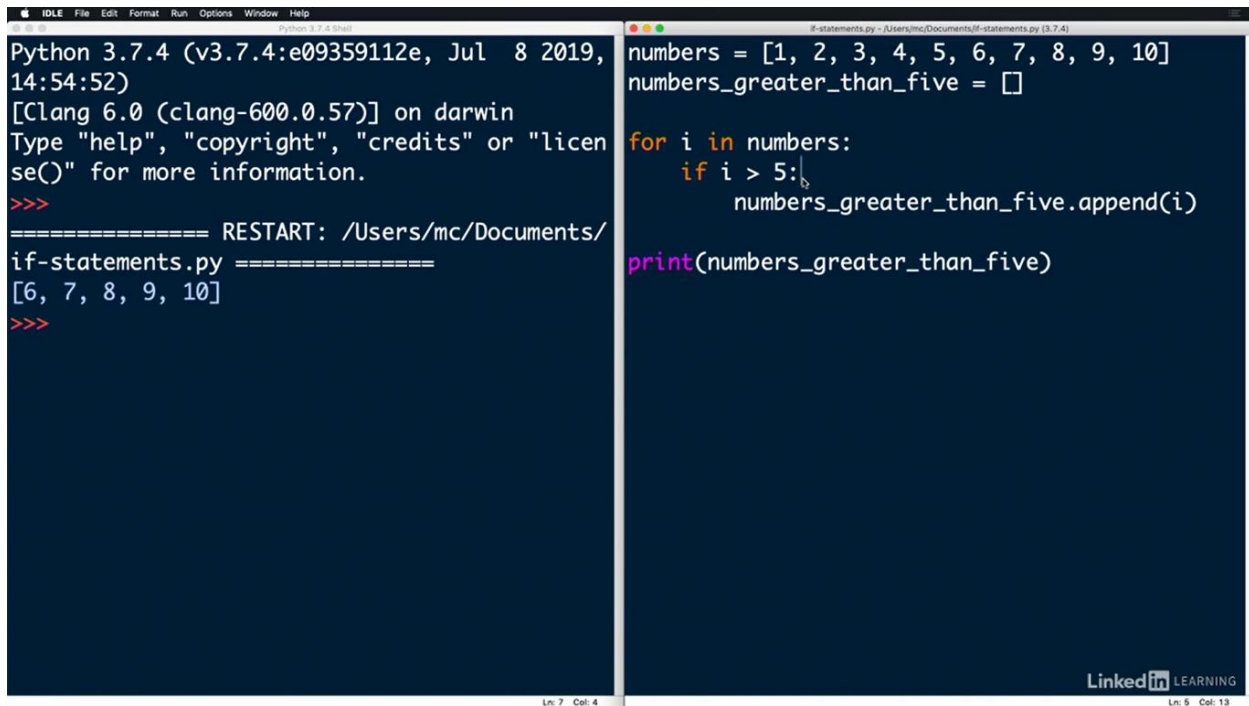


## Python labs



```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: /Users/mc/Documents/
if-statements.py =====
[6, 7, 8, 9, 10]
>>>
```

```
numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
numbers_greater_than_five = []

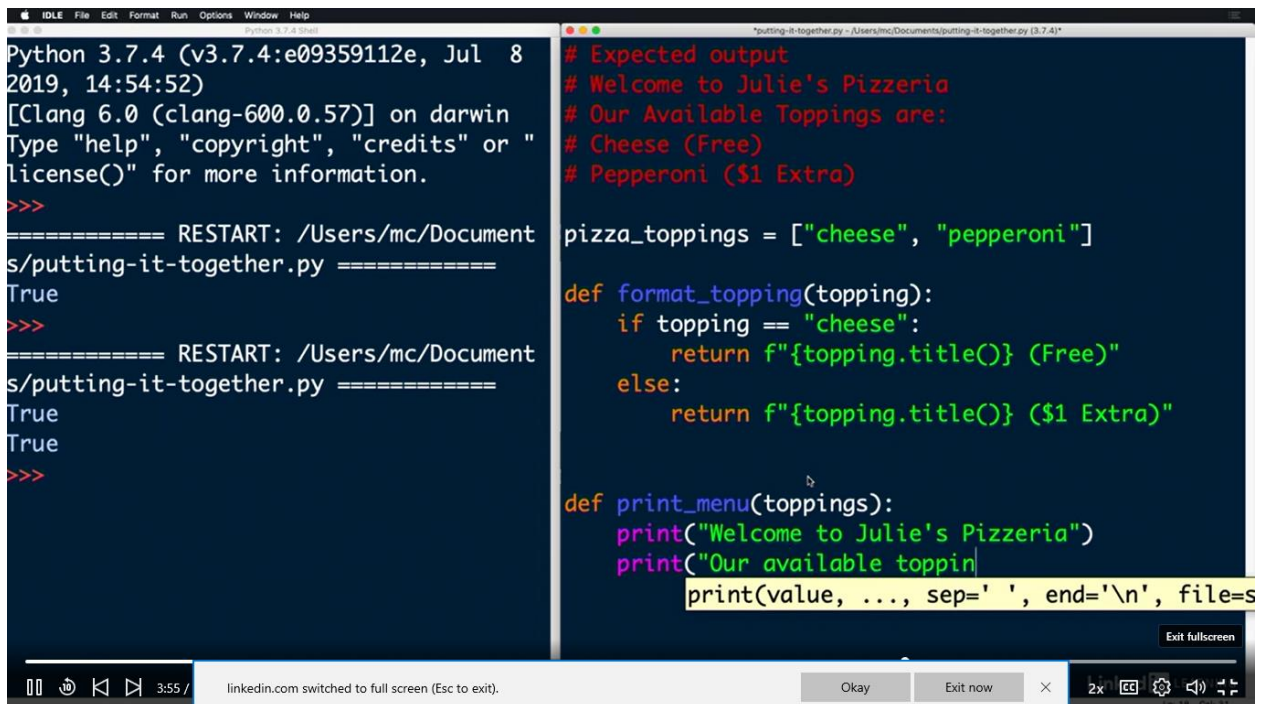
for i in numbers:
    if i > 5:
        numbers_greater_than_five.append(i)

print(numbers_greater_than_five)
```

Ln: 7 Col: 4

Ln: 5 Col: 13

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```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: /Users/mc/Document
s/putting-it-together.py =====
True
>>>
===== RESTART: /Users/mc/Document
s/putting-it-together.py =====
True
True
>>>
```

```
# Expected output
# Welcome to Julie's Pizzeria
# Our Available Toppings are:
# Cheese (Free)
# Pepperoni ($1 Extra)

pizza_toppings = ["cheese", "pepperoni"]

def format_topping(topping):
    if topping == "cheese":
        return f"{topping.title()} (Free)"
    else:
        return f"{topping.title()} ($1 Extra)"

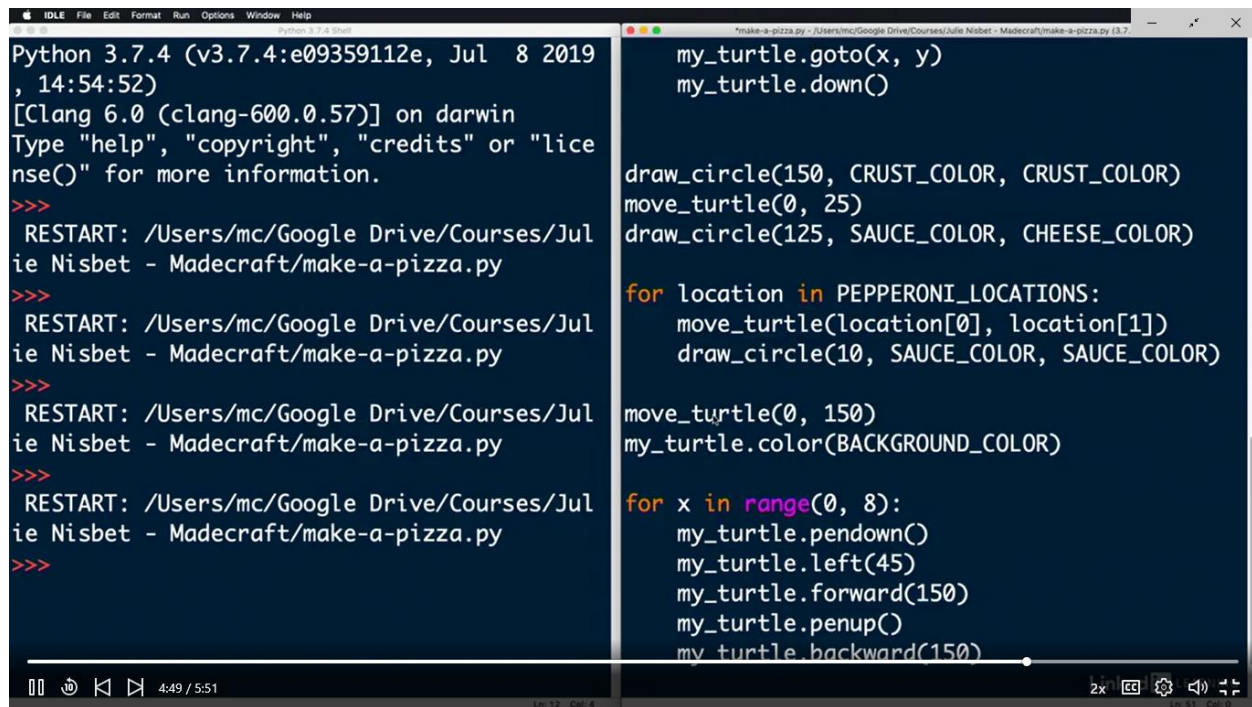
def print_menu(toppings):
    print("Welcome to Julie's Pizzeria")
    print("Our available toppings are:")
    for topping in pizza_toppings:
        print(format_topping(topping))
```

Exit fullscreen

linkedln.com switched to full screen (Esc to exit).

Okay Exit now

2x



```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
```

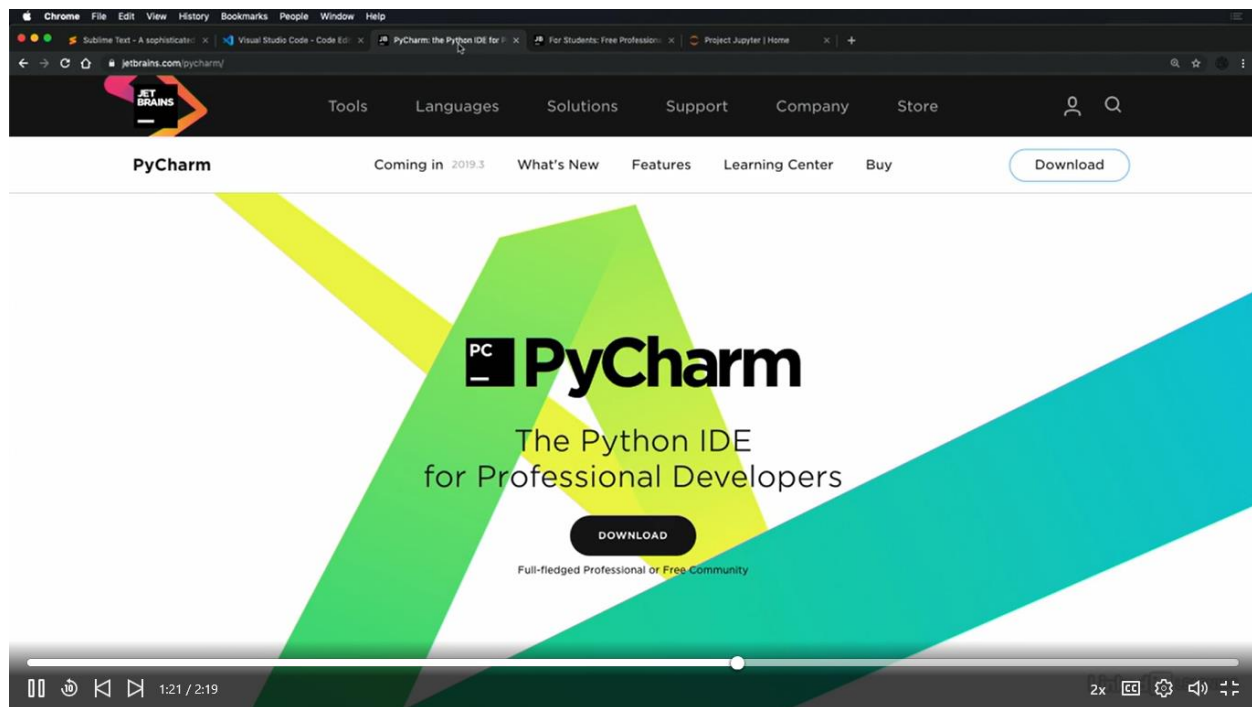
```
my_turtle.goto(x, y)
my_turtle.down()

draw_circle(150, CRUST_COLOR, CRUST_COLOR)
move_turtle(0, 25)
draw_circle(125, SAUCE_COLOR, CHEESE_COLOR)

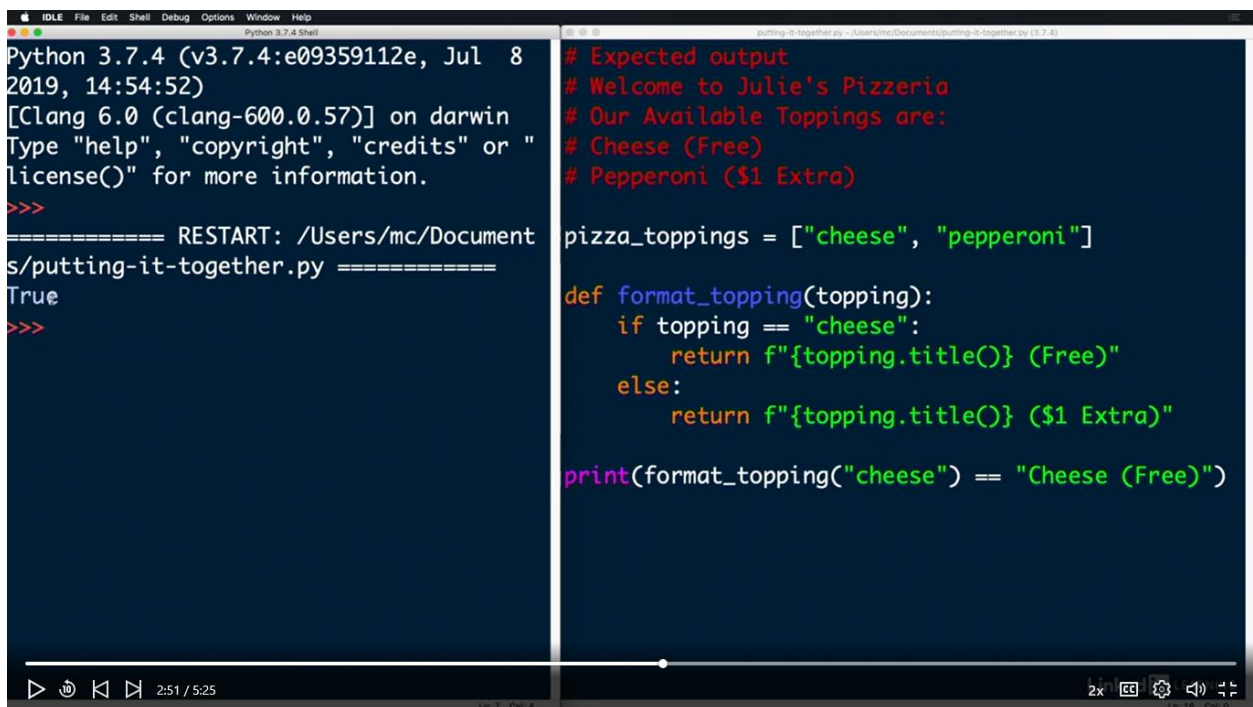
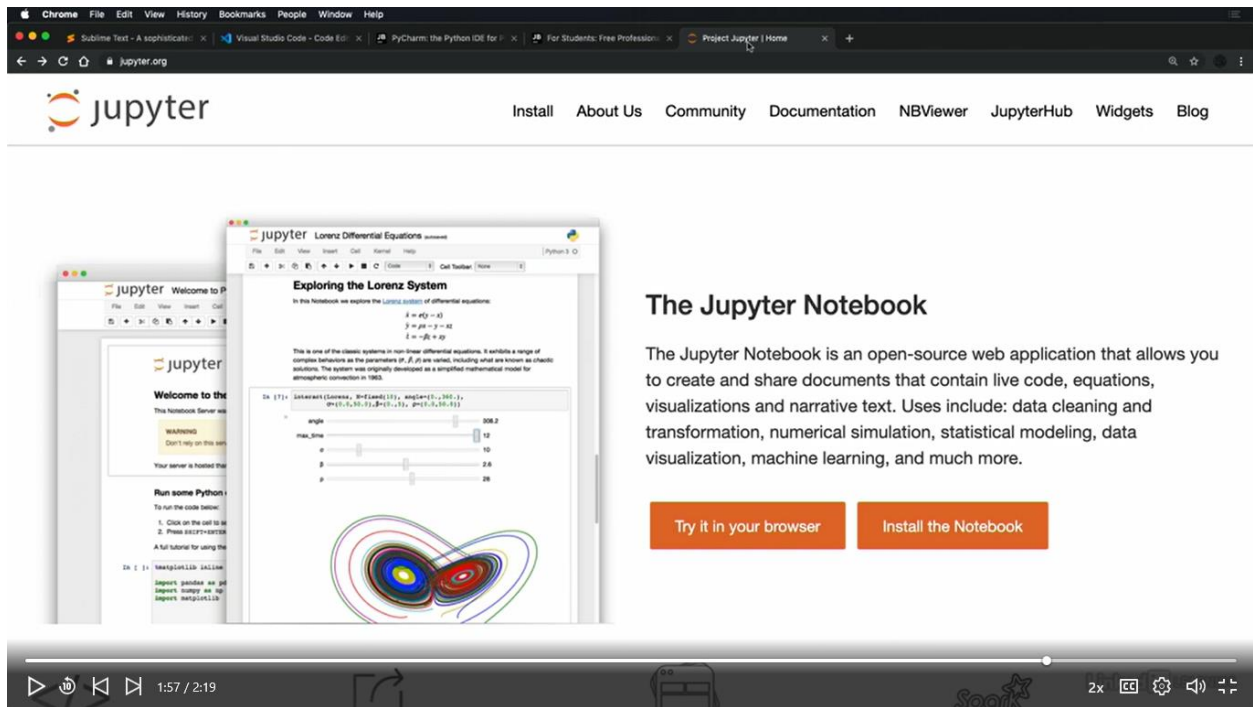
for location in PEPPERONI_LOCATIONS:
    move_turtle(location[0], location[1])
    draw_circle(10, SAUCE_COLOR, SAUCE_COLOR)

move_turtle(0, 150)
my_turtle.color(BACKGROUND_COLOR)

for x in range(0, 8):
    my_turtle.pendown()
    my_turtle.left(45)
    my_turtle.forward(150)
    my_turtle.penup()
    my_turtle.backward(150)
```









The screenshot shows a video player window with a dark blue background. The video content is a Python IDLE environment. The menu bar at the top includes 'IDLE', 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The title bar indicates the file path: 'turtle-line.py - (Users/mrc/Documents/turtle-line.py (3.7.4))'. The Python shell on the left shows the execution of the script, with messages like 'Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)' and '[Clang 6.0 (clang-600.0.0)]'. The main editor window displays the following Python code:

```
import turtle

screen = turtle.Screen()
screen.bgcolor("blue")
screen.title("Drawing Lines Practice")

my_turtle = turtle.Turtle()
my_turtle.pensize(5)
my_turtle.shape("circle")
my_turtle.forward(100)
```

The video player interface at the bottom includes a progress bar showing '2:04 / 4:48' and standard playback controls like play, pause, and volume.

```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>

draw_circle(150, CRUST_COLOR, CRUST_COLOR)
move_turtle(0, 25)
draw_circle(125, SAUCE_COLOR, CHEESE_COLOR)

for location in PEPPERONI_LOCATIONS:
    move_turtle(location[0], location[1])
    draw_circle(10, SAUCE_COLOR, SAUCE_COLOR)

move_turtle(0, 150)
my_turtle.color(BACKGROUND_COLOR)

for x in range(0, 8):
    my_turtle.pendown()
    my_turtle.left(45)
    my_turtle.forward(150)
    my_turtle.penup()
    my_turtle.backward(150)

turtle.done()
```

```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>

import turtle
BACKGROUND_COLOR = "#9EC388"
CRUST_COLOR = "#ECA84F"
SAUCE_COLOR = "#AD0509"
CHEESE_COLOR = "#FBC70F"
PEPPERONI_LOCATIONS = [
    [-70, 105],
    [-85, 175],
    [-25, 50],
    [-15, 100],
    [-25, 150],
    [-30, 205],
    [15, 50],
    [20, 120],
    [20, 200],
    [60, 156],
    [71, 215],
    [80, 90],
    [95, 150]
]

screen = turtle.Screen()
```

```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>

screen = turtle.Screen()
screen.bgcolor(BACKGROUND_COLOR)
screen.title("My Pizza")

my_turtle = turtle.Turtle()
my_turtle.pensize(5)
my_turtle.shape("circle")

def draw_circle(radius, line_color, fill_color):
    my_turtle.color(line_color)
    my_turtle.fillcolor(fill_color)
    my_turtle.begin_fill()
    my_turtle.circle(radius)
    my_turtle.end_fill()

def move_turtle(x, y):
    my_turtle.up()
    my_turtle.goto(x, y)
    my_turtle.down()
```

```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>

my_turtle = turtle.Turtle()
my_turtle.pensize(5)
my_turtle.shape("circle")

def draw_circle(radius, line_color, fill_color):
    my_turtle.color(line_color)
    my_turtle.fillcolor(fill_color)
    my_turtle.begin_fill()
    my_turtle.circle(radius)
    my_turtle.end_fill()

def move_turtle(x, y):
    my_turtle.up()
    my_turtle.goto(x, y)
    my_turtle.down()

draw_circle(150, CRUST_COLOR, CRUST_COLOR)
move_turtle(0, 25)
draw_circle(125, SAUCE_COLOR, CHEESE_COLOR)

for location in PEPPERONI_LOCATIONS:
```

```
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
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>>>
RESTART: /Users/mc/Google Drive/Courses/Julie Nisbet - Madecraft/make-a-pizza.py
>>>

draw_circle(150, CRUST_COLOR, CRUST_COLOR)
move_turtle(0, 25)
draw_circle(125, SAUCE_COLOR, CHEESE_COLOR)

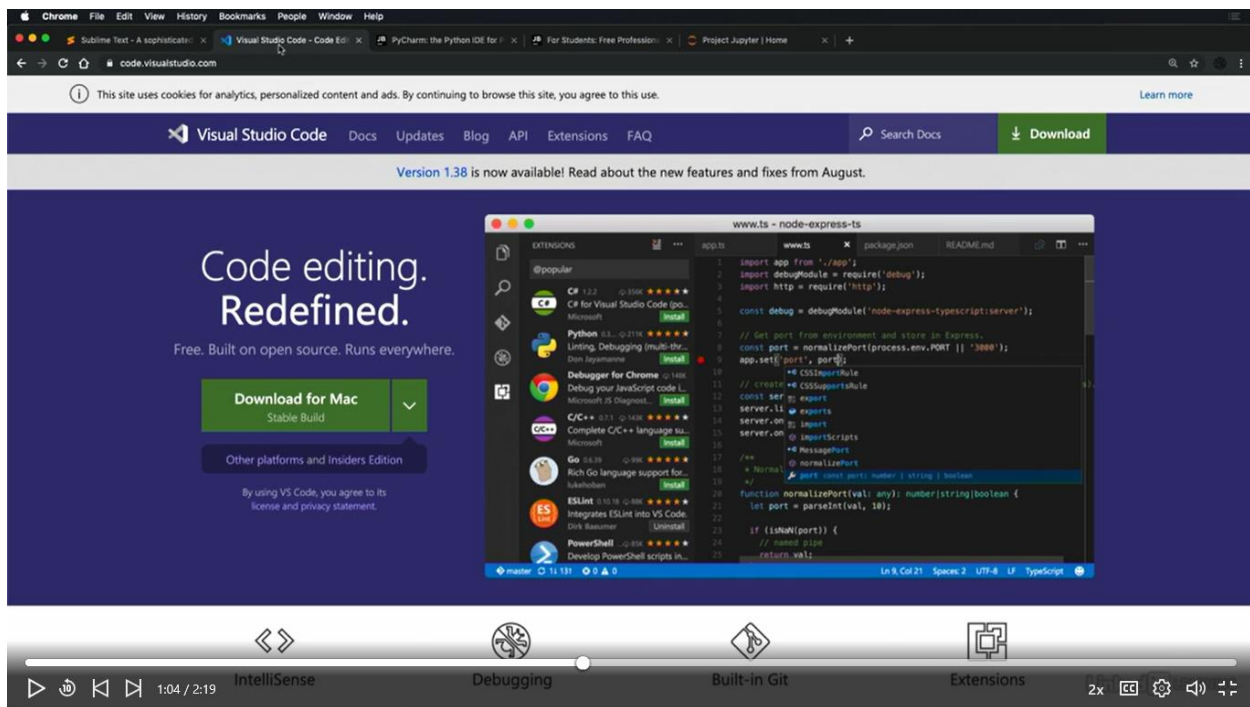
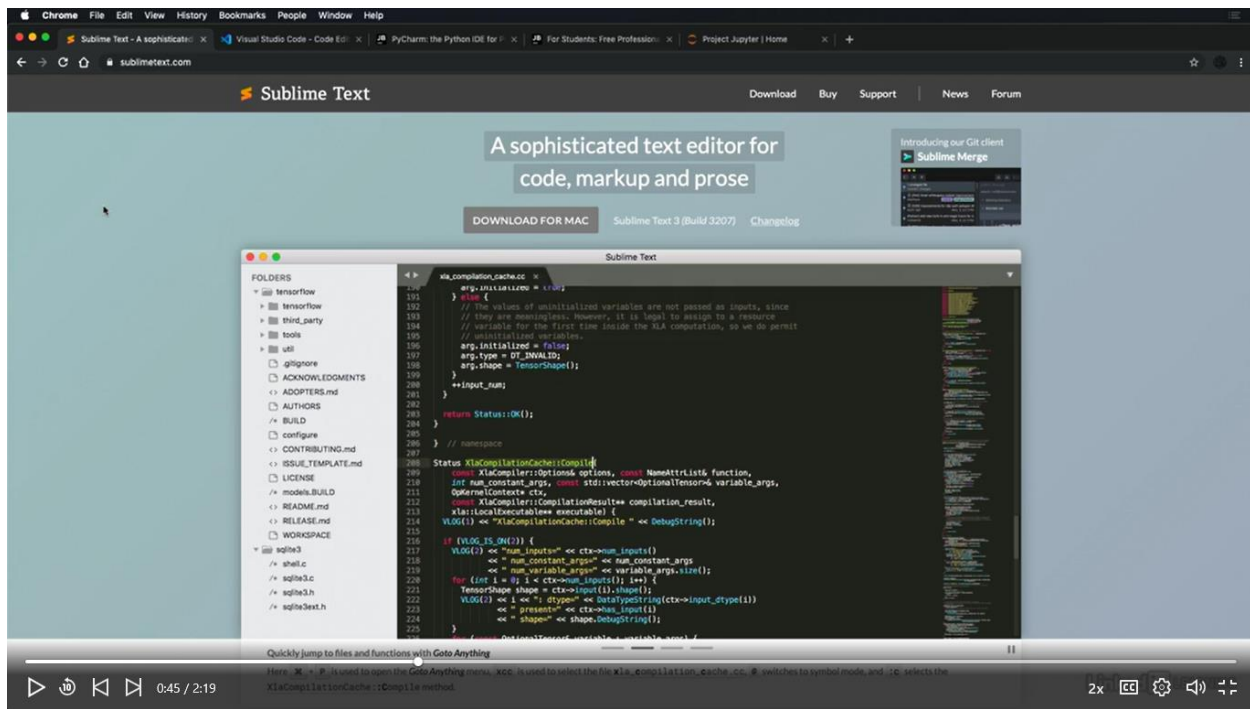
for location in PEPPERONI_LOCATIONS:
    move_turtle(location[0], location[1])
    draw_circle(10, SAUCE_COLOR, SAUCE_COLOR)

move_turtle(0, 150)
my_turtle.color(BACKGROUND_COLOR)

for x in range(0, 8):
    my_turtle.pendown()
    my_turtle.left(45)
    my_turtle.forward(150)
    my_turtle.penup()
    my_turtle.backward(150)

turtle.done()
```







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Posted by u/AutoModerator 3 days ago

### Ask Anything Monday - Weekly Thread

Welcome to another [r/learnPython](#) weekly "Ask Anything" Monday" thread

Here you can ask all the questions that you wanted to ask but didn't feel like making a new thread.

\* It's primarily intended for simple questions but as long as it's about python it's allowed.

If you have any suggestions or questions about this thread use the message the moderators button in the sidebar.

Rules:

- Don't downvote stuff - instead explain what's wrong with the comment, if it's

88 Comments Share Save

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r/learnpython

242k Members 2.0k Online

Subreddit for posting questions and asking for general advice about your python code.

JOIN

CREATE POST

R/LEARNPYTHON RULES

- Posting only the project goal is not allowed.
- Be polite.
- Read the wiki for answers to common questions.
- Don't ask easily searchable questions.

Posted by u/Aeternus44 7 hours ago

### I feel stupid and incompetent on Codewars. Does that say something about my decision to choose programming for a career?

It sets me back when I solve a "Kata" in 6 lines or more, and then see that someone solved it in one line. Can such thing be solved as if it just that the person is clever?


I've been learning Python for more than 3 months now.

0:31 / 0:37

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0:07 / 0:30