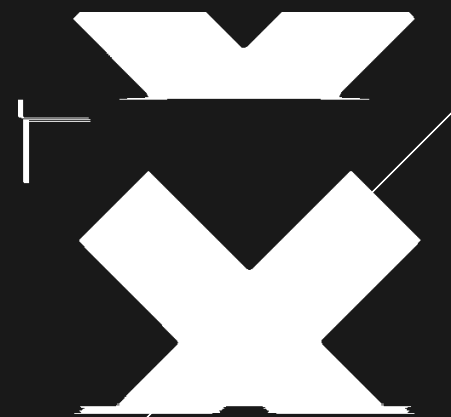


An introduction to Python and:



# **CODING YOUR OWN DISCORD BOT**

Presented by Girls Who Code SJSU



# WHAT IS A DISCORD BOT?

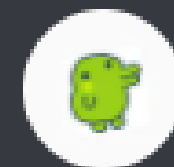
▶▶ **Discord bots are AI-driven tools that can help you automate tasks on your Discord server**

▶▶ **They are used for:**

Assigning roles, server moderation, games within text channels, playing music in voice channels, welcoming members, and much more!



**lem** Today at 10:28 PM  
hello



**lem jr** **BOT** Today at 10:28 PM  
shut up lem

# BUT FIRST: A PYTHON INTRODUCTION



Python is an object oriented general language that is used for many things including machine learning, data visualization, building software, visual novels, etc.

## Variable declarations

Variable stores values (like math)

Variables can stores:

- numbers (int)
- words (String)
- Objects

## Function declarations

Functions only run when they are called. They can receive and return data.

```
def function():  
    return 4
```

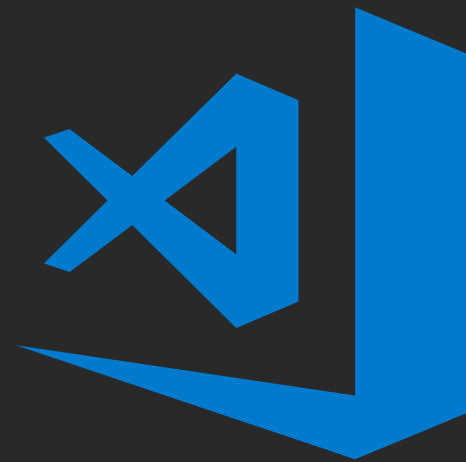


## Navigating between files

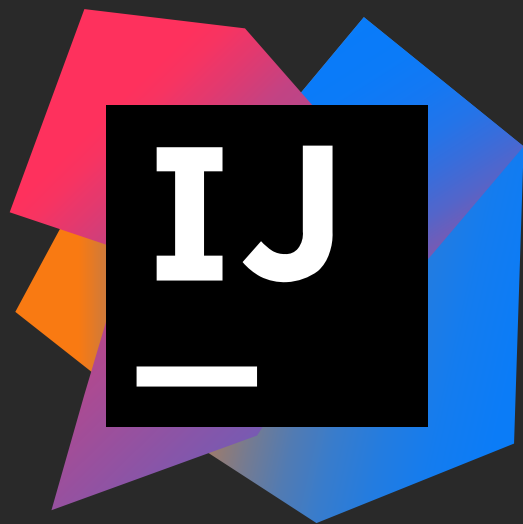
An efficient way of splitting code to produce more efficient working, focused files

# WHAT IS AN IDE?

Integrated Development Environment:  
tool that allows us to program



Visual Studio Code



**LET'S GET  
INTO IT!**

**Scan the QR code below to view the lesson**

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**<https://tinyurl.com/muhbyazx>**