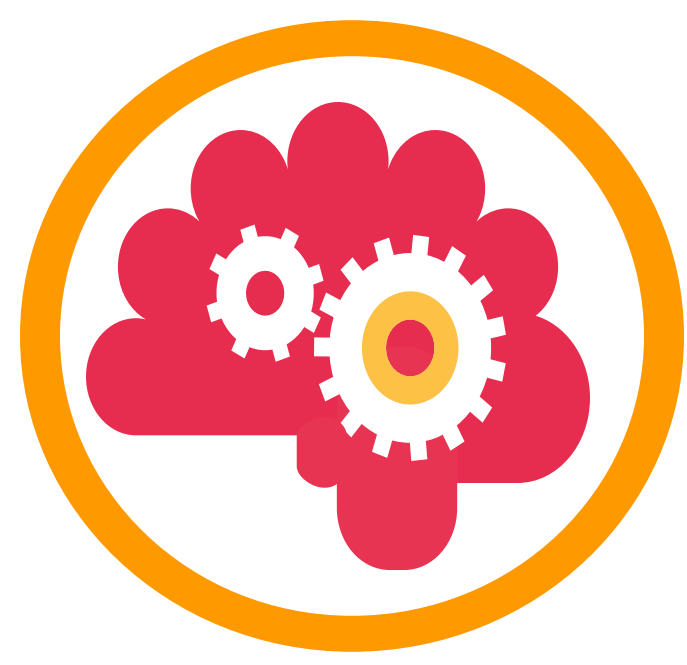


Getting Started Guide

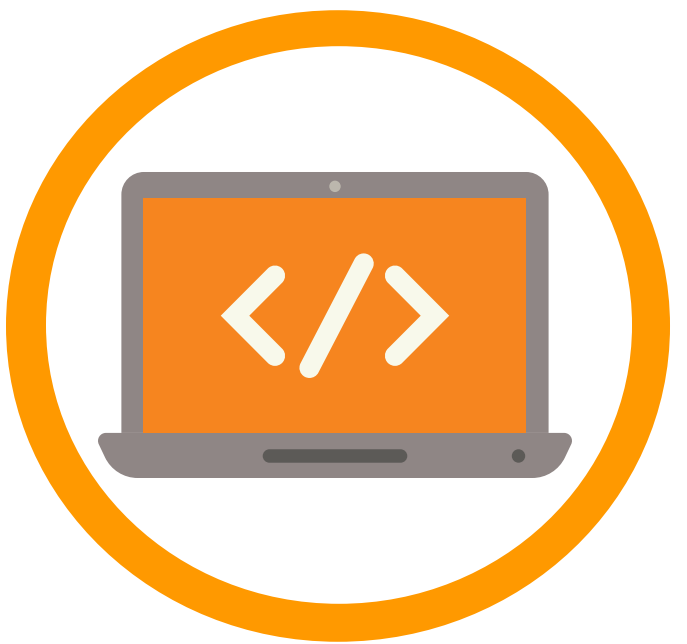


Get Into the Mind-Set

Coding is a skill that requires patience and persistence. Be patient with yourself. Ensure you have the space to learn by scheduling time to work in your learning resource on the hands-on activities regularly each week. Persist with the activities, even when there doesn't seem to be an easy answer.

Find Your Footing

Read the learning resource announcement posted in your course. Follow the directions to get access. Explore your resource prior to or during the first module. Engage fully with your draft script activities.



Your Scripts

Programming is both a scientific and creative undertaking. The fundamentals you learn in this course will provide the scientific foundation. Armed with these skills, you will have the ability to expand the scientific elements to more advanced concepts to help you solve everyday problems in creative ways. Your script activities are key in building these skills.

Rental Car

- **Variables:** Assigning a numerical value and string, changing variable values, and modifying variables with operators appropriate to the data type
- **Branches:** *if*, *elif*, and *else* statements

Grocery List

- **List operations:** Creating, adding, removing data, accessing values, and modifying values
- **Dictionary operations:** Creating, adding, removing key value pairs, accessing values using keys, and modifying values
- **Loops:** Item-based, index-based, and *while* loops

ATM

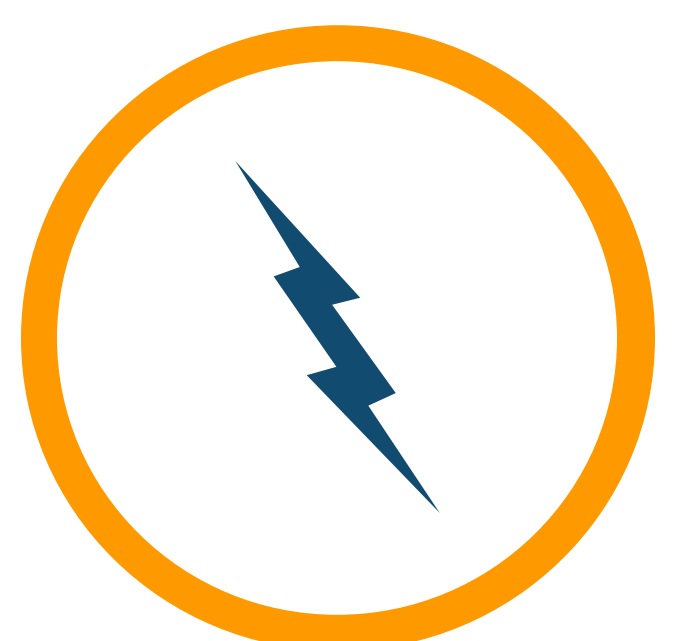
- Custom functions
- Input (parameters)
- Functions that return the correct output

Pattern Search and Replace

- Non-alphanumeric values
- Sequences and ranges
- Replacement operations

Your Call to Action

Above all, remember that making mistakes when you learn to write code is common. It is part of learning this very special skill set. What is important is learning from your errors and then learning to fix them. As you work across the draft scripts in your final project, remember that debugging is as much a part of the experience as the code you create. Reach out to your instructor and use these videos and the resources in the course to help you.



Help Videos

This repository of videos will help you navigate the environment and learn how it is used in this course. Click an icon to access the resource.

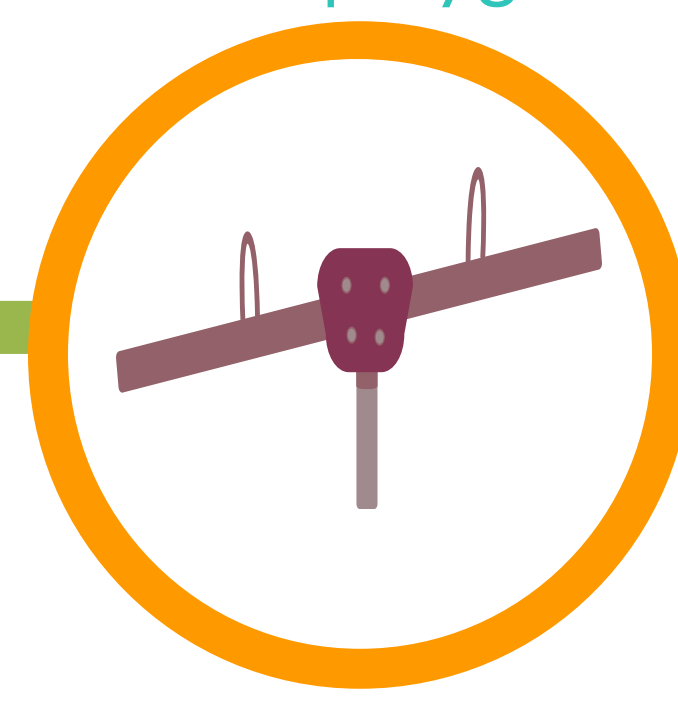
GET STARTED

Navigating your final project space



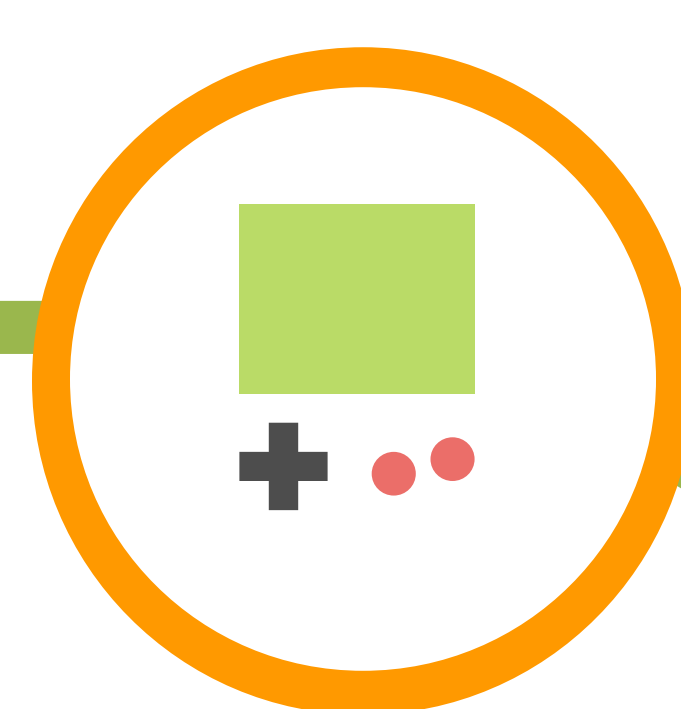
PLAYGROUND

Navigating your personal playground



MODES

Interactive mode intro



RENTAL CAR

Walk-through of the final project scripts, starting with Rental Car



HELP

Troubleshooting video



PATTERN SEARCH/REPLACE

Walk-through of key concepts for the final project Pattern Search and Replace script



ATM

Walk-through of key concepts for the final project ATM script



GROCERY LIST

Walk-through of key concepts for the final project Grocery List script