

[illegible]

## Variables

[illegible]





[illegible]

## Functions

## Functions



[illegible]

### While-loop

[illegible]





[illegible]

### Match-case

# For-loop



## For-loop

## For-loop

[illegible]

## Type-conversion

[illegible]

## List Indices

[illegible]





[illegible]

## Enumerate

## Enumerate

[illegible]



# Write Text Files, Read Text Files





[illegible]



## File Paths

[illegible]

## List Comprehensions

[illegible]

[illegible]

# With-Context Manager



[illegible]





[illegible]

[illegible]

## Slicing

[illegible]





[illegible]



## Try-Except and Exceptions

[illegible]

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[illegible]

*Continue Statement*

## This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Custom Functions

## Custom Functions



[illegible]



## Function Arguments

[illegible]

## Multiple Arguments

[illegible]

## Decoupling Output

[illegible]

## Default Arguments

[illegible]





[illegible]

## Decoupling Functions

[illegible]

## Local Modules and Import

[illegible]



## This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings present.









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### Third-Party Modules





# Web Development with Streamlit













[illegible]



[illegible]









# Data Handling with Pandas

## Data Handling with Pandas

## Data Handling with Pandas

## *Data Handling with Pandas*

## Data Handling with Pandas



## *Data Handling with Pandas*

[illegible]

## *Sending Emails*

## *Sending Emails*

## *Sending Emails*