

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



# While-loop

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

# Type-conversion

Type-conversion

[illegible]



# Tuples

[illegible]



[illegible]

[illegible]

[illegible]



[illegible]

## Write Text Files, Read Text Files

## Write Text Files, Read Text Files

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

# With-Context Manager

[illegible]

[illegible]



[illegible]

[illegible]

## Slicing

[illegible]

# Dictionaries

[illegible]

[illegible]

[illegible]



### Try-Except and Exceptions

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

### Decoupling Output

# Default Arguments

### Default Arguments

[illegible]



[illegible]

# Decoupling Functions

[illegible]

## Local Modules and Import



[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]





GUI

# Web Development with Streamlit



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

## Heroku Deployment



[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

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[illegible]