

# Variables

This image shows a single sheet 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.

---

*Variables*

---

*created by Omkar*

[illegible]

This image shows a single sheet 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.

---

*Lists*

---

*created by Omkar*

---

This image shows a single sheet 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.

---

*Lists*

---

*created by Omkar*

---

[illegible]

This image shows a single sheet 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.

---

*Functions*

---

*created by Omkar*

---

This image shows a single sheet 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.

---

*Functions*

---

*created by Omkar*

---



# While-loop

[illegible]

---

*While-loop*  
*created by Omkar*

[illegible]

This image shows a single sheet 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.

---

*Methods*

---

*created by Omkar*

---

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.

---

*Methods*

---

*created by Omkar*

---

[illegible]

---

*Match-case*

---

---

*created by Omkar*

[illegible]

---

*Match-case*

---

*created by Omkar*

---

# For-loop



[illegible]

---

*For-loop*  
*created by Omkar*

[illegible]

---

*For-loop*  
*created by Omkar*

# Type-conversion

This image shows a single sheet 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.

---

*Type-conversion*

---

*created by Omkar*

---

[illegible]

This image shows a single sheet 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.

---

*List Indices*

---

*created by Omkar*

---

# Tuples

This image shows a single sheet 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.

---

*Tuples*

---

*created by Omkar*

---



[illegible]

---

*Enumerate*

---

*created by Omkar*

[illegible]

---

*Enumerate*

---

*created by Omkar*

---

[illegible]

This image shows a single sheet 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.

---

*F-Strings*

---

*created by Omkar*

---

## Write Text Files, Read Text Files

## Write Text Files, Read Text Files

*created by Omkar*

This image shows a single sheet 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.

---

*Write Text Files, Read Text Files*

---

*created by Omkar*

---

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a template for writing or drawing. The margins are consistent on all sides.

---

Write Text Files, Read Text Files  
created by Omkar

[illegible]



[illegible]

---

*File Paths*

---

*created by Omkar*

---

[illegible]

[illegible]

---

*List Comprehensions*

---

*created by Omkar*

---

## This image shows a single sheet 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.

*Comments*

---

*created by Omkar*

[illegible]

## Comments

*created by Omkar*

# With-Context Manager

[illegible]

---

*With-Context Manager*

---

*created by Omkar*

---

# If, Elif, and Else Conditionals



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.

---

*If, Elif, and Else Conditionals*  
*created by Omkar*

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a template for writing or drawing. The margins are consistent on all sides.

---

*If, Elif, and Else Conditionals*  
*created by Omkar*

# Slicing

This image shows a single sheet 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.

---

*Slicing*

---

*created by Omkar*

---

[illegible]

This image shows a single sheet 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.

---

*Dictionaries*

---

*created by Omkar*

---

This image shows a single sheet 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.

---

*Dictionaries*

---

*created by Omkar*

---

# Try-Except and Exceptions



[illegible]

---

*Try-Except and Exceptions*

---

*created by Omkar*

---

## This image shows a single sheet 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.

*Continue Statement*

---

*created by Omkar*

This image shows a single sheet 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.

*Continue Statement*

---

*created by Omkar*

---

## This image shows a single sheet 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.

[illegible]

---

*Custom Functions*

---

*created by Omkar*

---

This image shows a single sheet 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*

---

*created by Omkar*

---

This image shows a single sheet 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*

---

*created by Omkar*

---

[illegible]



[illegible]

Function Arguments

---

created by Omkar

---

[illegible]

[illegible]

---

*Multiple Arguments*

---

*created by Omkar*

---

[illegible]

This image shows a single sheet 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.

---

*Decoupling Output*  
*created by Omkar*

# Default Arguments

[illegible]

---

*Default Arguments*

---

*created by Omkar*

---

[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.

---

*Doc Strings*

---

*created by Omkar*

---

[illegible]

[illegible]

---

*Decoupling Functions*  
*created by Omkar*

[illegible]

This image shows a single sheet 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.

---

*Local Modules and Import*

---

*created by Omkar*

---

[illegible]



# Git and Github



[illegible]

---

*Git and Github*  
*created by Omkar*

This image shows a single sheet 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.

---

*Git and Github*  
*created by Omkar*

This image shows a single sheet 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.

---

*Git and Github*  
*created by Omkar*

## This image shows a single sheet 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.

[illegible]

---

*Third-Party Modules*

---

*created by Omkar*

---



This image shows a single sheet 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.

---

*GUI*  
*created by Omkar*

# Web Development with Streamlit













# Heroku Deployment

This image shows a single sheet 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.

---

Heroku Deployment

created by Omkar

[illegible]









[illegible]













# Sending Emails

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for writing. The background is a solid off-white color. There are no margins, text, or other markings present.

---

*Sending Emails*

---

*created by Omkar*

---

This image shows a single sheet 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.

---

*Sending Emails*

---

*created by Omkar*

---

[illegible]

---

*Sending Emails*

---

*created by Omkar*

---