

The background of the top section is a large rounded rectangle with a horizontal gradient from purple on the left to blue on the right. Overlaid on this is a red rectangle containing the word "PYTHON" in white, bold, sans-serif capital letters.

# PYTHON

「if-elif-else」

- Python if-elif-else

**"if-elif-else"** is a conditional operation to make sure that whether a certain code/statement or block of code/statements will be executed or not

# 1. "if statement"

- SYNTAX

## Case 1:

if condition:

# STATEMENT-1: This Statements will execute if condition is true

# 1. "if statement"

- SYNTAX

Case 2:

if condition:

# STATEMENT-1: This Statements will execute if condition is true

# STATEMENT-2: This Statements will execute if condition is true

## 2. "if-else" Statement

- SYNTAX

### Case 1:

if (condition):

    # STATEMENT-1: This Statements will execute if condition is true

else:

    # STATEMENT-2: This Statements will execute if condition is false

## 2. "if-else" Statement

- SYNTAX

**Case 2:**

**if (condition):**

# STATEMENT-1: This Statements will execute if condition is true

# STATEMENT-2: This Statements will execute if condition is true

**else:**

# STATEMENT-3: This Statements will execute if condition is false

# STATEMENT-4: This Statements will execute if condition is false

## 3. "if-elif-else"

- SYNTAX

**if (condition):**

# STATEMENT-1: This Statements will execute if first condition is true

# STATEMENT-2: This Statements will execute if first condition is true

**elif (condition):**

# STATEMENT-3: This Statements will execute if Second condition is true

# STATEMENT-4: This Statements will execute if Second condition is true

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**else:**

# STATEMENT-(n-1): This Statements will execute at last

# STATEMENT-(n): This Statements will execute at last

## 4. Short Hand "If"

- SYNTAX

if condition: statement

- **Ex:**

if x < y: print("x is less than y")



## 5. Short Hand If ... Else

- SYNTAX

<statement for True> if <condition> else <statement for False>

- **Ex:**

x = 10

y=20

print(True) if x < 20 else print(False)

THANK

YOU