

# What are Conditional Statements?

In this section, we will explore conditional statements and their functionality.

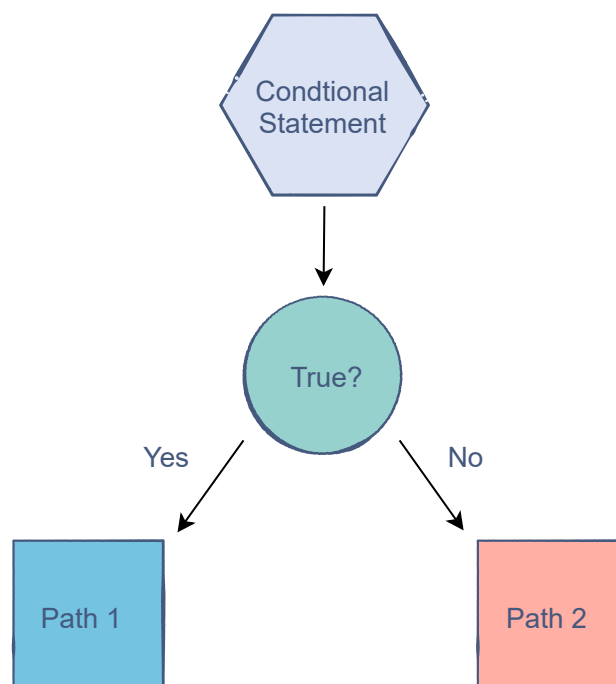
## We'll cover the following

- Definition
- Conditional Statements in Python

## Definition #

A conditional statement is a Boolean expression that, if **True**, executes a piece of code.

It allows programs to branch out into different paths based on Boolean expressions result in **True** or **False** outcomes.



In this way, conditional statements control the **flow** of the code and allow the computer to *think*. Hence, they are classified as **control structures**.

Conditional statements are an integral part of programming that every coder

needs to know.

# Conditional Statements in Python #

To handle conditional statements, Python follows a particular convention:

```
if conditional statement is True:
    # execute expression1
    pass
else:
    # execute expression2
    pass
```



Do not worry about the syntax for now. We'll get to it soon.

There are three types of conditional statements in Python:

- *if*
- *if-else*
- *if-elif-else*

We'll study all of these one by one.

---

Let's start by studying the *if* statement in Python.