What are Conditional Statements?

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

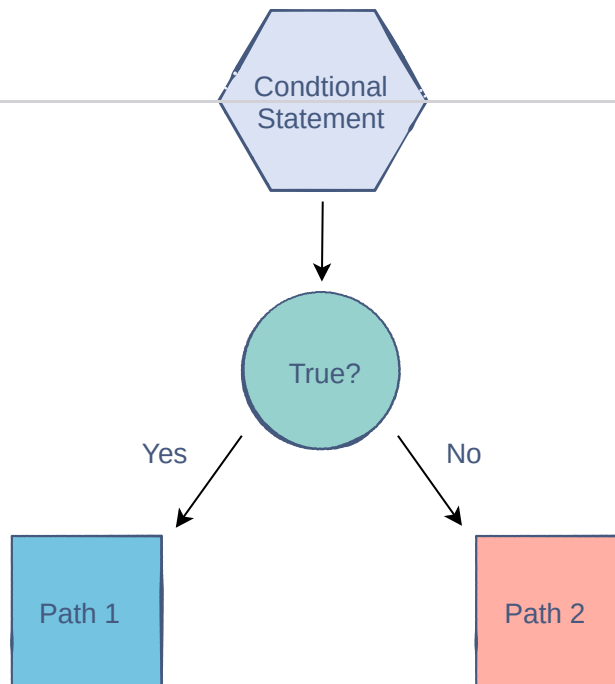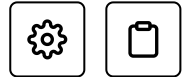**We'll cover the following**   ⌃

- 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:
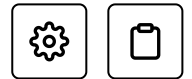
```
1   if condtional statement is True:
2       # execute expression1
3       pass
4   else:
5       # execute expression2
6       pass
7
```

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.

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