



# LEARN PYTHON & R FOR BIOINFORMATICS

## Introduction:

'If-else' statements in Python are the most important flow controls. Hence, we can control the flow of our program using if-else statements or various loops. The syntax of these statements is almost same in all of the programming languages. If-else statements are very useful in Bioinformatics as well.

## Steps:

- Open visual studio code and save your file.
- First, declare a variable.
- You can control the flow of this variable's expression by using if-else statement, the simple syntax of these statements is:

*If condition:*

*Statement*

*else:*

*Statement*

- **'if statement'** will execute if the *condition* is true.
- **'Else statement'** will execute if the "*if condition*" is false.
- You can add as much conditions as you want before *else statement* by using:

*elif condition:*

*Statement*

### **Summary:**

In this video, we had a look at the 'if-else statements' and that they are very important for performing various tasks and how helpful it is for Bioinformatician. We learnt how these statements are executed and should not be ignored.