**1. Is the Python Standard Library included with PyInputPlus?**

No, the Python Standard Library is not included with PyInputPlus. PyInputPlus is a third-party library that provides additional functionality for taking input from the user in Python programs, such as input validation and handling of different types of input. While PyInputPlus may use some modules from the Python Standard Library internally, it is not bundled with the standard library itself. To use PyInputPlus, we need to install it separately.

**2. Why is PyInputPlus commonly imported with import pyinputplus as pypi?**

By using import pyinputplus as pypi, we are importing the PyInputPlus module and assigning it the alias pypi. This allows us to refer to the PyInputPlus module by the shorter name pypi throughout our code, making it easier to type and read.

Using a shorter alias can be especially useful if we need to use PyInputPlus frequently in our code, as it reduces the amount of typing required and can make our code more concise and readable.

**3. How do you distinguish between inputInt() and inputFloat()?**

inputInt() : Accepts an integer value. Returns an int.

inputFloat() : Accepts a floating-point numeric value. Returns a float.

**4. Using PyInputPlus, how do you ensure that the user enters a whole number between 0 and 99?**

To ensure that the user enters a whole number between 0 and 99 using the PyInputPlus library in Python, we can utilize the inputInt() function with appropriate validation parameters. The min and max parameters ensure that the entered value is within the specified range.

number = pyip.inputInt(prompt="Enter a whole number between 0 and 99: ",min=0, max=99)

**5. What is transferred to the keyword arguments allowRegexes and blockRegexes?**

We can define custom regular expressions to allow or block specific patterns of user input.

allowRegexes: Input is allowed if it matches any of the specified regular expressions.

blockRegexes: Input is blocked if it matches any of the specified regular expressions.

**6. If a blank input is entered three times, what does inputStr(limit=3) do?**

When using inputStr(limit=3) in PyInputPlus and the user enters a blank input three times consecutively, the function raises a RetryLimitException.

**7. If blank input is entered three times, what does inputStr(limit=3, default='hello') do?**

When using inputStr(limit=3, default='hello') in PyInputPlus and the user enters a blank input three times consecutively, the function returns the default value specified (in this case, 'hello') without raising an exception.