1. Is the Python Standard Library included with PyInputPlus?

Ans: No, PyInputPlus is not a part of the Python Standard Library. It is an external library that needs to be installed separately. PyInputPlus is a Python library that provides functions for taking input from the user with additional validation and input retry capabilities. It is not included in the Python Standard Library by default.

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

Ans: PyInputPlus is commonly imported with the alias pypi to simplify the code and make it more readable. This practice helps reduce the amount of typing required when accessing PyInputPlus functions and methods. By using the shorter alias pypi, you can streamline your code and make it more concise.

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

Ans: Yes, that's correct. Importing PyInputPlus with the alias pypi helps to simplify code and make it more readable. This approach reduces the length of the code when accessing PyInputPlus functions and methods, providing a more concise and cleaner syntax. By using the shorter alias pypi, you can enhance the readability of your code, especially when you are calling PyInputPlus functions multiple times within your script.

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

Ans: You can use PyInputPlus's inputInt() function with the min and max arguments to ensure that the user enters a whole number between 0 and 99.

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

Ans: In PyInputPlus, the keyword arguments allowRegexes and blockRegexes allow you to specify regular expressions for input validation. These arguments accept a list of regular expression strings, which are patterns used to match against the user's input.

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

Ans: If a blank input is entered three times while using inputStr(limit=3), the function will raise a TimeoutException after the third attempt. The limit parameter specifies the maximum number of times the function will allow the user to enter an empty string or nothing. If the limit is reached without receiving valid input, an exception is raised, indicating that the user has exceeded the allowed number of attempts.

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

Ans: If the user enters blank input three times in a row when using the inputStr(limit=3, default='hello') function from PyInputPlus, the function will return the default value 'hello'. The limit parameter specifies the maximum number of times the function allows the user to input an empty string or nothing. If the limit is reached without valid input, the function returns the default value specified in the default parameter. In this case, since the default parameter is set to 'hello', the function will return 'hello' after the third attempt with blank input.