1. Is the Python Standard Library included with PyInputPlus?

No, the Python Standard Library is not included with PyInputPlus. PyInputPlus is a separate third-party library used for input validation and handling in Python.

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

PyInputPlus is commonly imported with import pyinputplus as pypi to provide a shorter alias (pypi) for convenience and brevity when referring to PyInputPlus functions and classes in the code.

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

inputInt() is used to specifically validate and return integer input from the user, while inputFloat() is used for floating-point input. They ensure that the input provided by the user is of the expected type.

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

 By using the inputInt() function with the min and max parameters set accordingly:

num = pyip.inputInt(prompt='Enter a number: ', min=0, max=99)

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

The allowRegexes and blockRegexes keyword arguments in PyInputPlus are used to transfer regular expression patterns. allowRegexes specifies a list of regex patterns that input must match to be allowed, while blockRegexes specifies a list of regex patterns that input must not match.

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

If a blank input is entered three times with inputStr(limit=3), PyInputPlus raises a ValidationException after three attempts, indicating that the user failed to provide valid input within the specified limit.

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

If blank input is entered three times with inputStr(limit=3, default='hello'), PyInputPlus returns the default value 'hello' after three unsuccessful attempts to provide valid input.