1. Is the Python Standard Library included with PyInputPlus?

Ans. No, the Python Standard Library is not included with PyInputPlus. PyInputPlus is a third-party library for Python that provides additional features for taking user input.

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

Ans. using import pyinputplus as pypi is a common Python coding convention to make the code shorter, more readable, and less prone to naming conflicts.

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

Ans. inputInt() is used to take integer input from the user. When called, it displays a prompt to the user and waits for the user to enter an integer value. If the user enters a non-integer value, inputInt() will display an error message and prompt the user to enter a valid integer. If the user enters a valid integer, inputInt() returns that value as an int data type.

inputFloat() is used to take floating-point input from the user. When called, it displays a prompt to the user and waits for the user to enter a floating-point value. If the user enters a non-floating-point value, inputFloat() will display an error message and prompt the user to enter a valid floating-point value. If the user enters a valid floating-point value, inputFloat() returns that value as a float data type.

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

Ans. pypi.inputFloat(max=99,min=0)

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

Ans. The allowRegexes keyword argument can be used to specify a list of regular expressions that the user's input should match. If the user's input matches any of the regular expressions in the list, PyInputPlus will accept the input. If the user's input does not match any of the regular expressions in the list, PyInputPlus will display an error message and prompt the user to enter valid input.

The blockRegexes keyword argument can be used to specify a list of regular expressions that the user's input should not match. If the user's input matches any of the regular expressions in the list, PyInputPlus will reject the input and prompt the user to enter valid input.

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

If a blank input is entered three times when using inputStr(limit=3) in PyInputPlus, PyInputPlus will raise a TimeoutException.

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

If blank input is entered three times when using inputStr(limit=3, default='hello') in PyInputPlus, PyInputPlus will return the default value 'hello'.