

## Solutions

1. No, Is the Python Standard Library included with PyInputPlus.
2. PyInputPlus is commonly imported with the alias "pypi" (short for PyPI, which stands for Python Package Index) because it helps to make the code more concise and readable.

When PyInputPlus is imported with the alias "pypi", the developer can use "pypi" as a shorthand for "pyinputplus" throughout the code. This can help to make the code more concise and easier to read, especially when using PyInputPlus functions repeatedly.

For example, instead of writing "pyinputplus.inputInt(prompt='Enter a number: ')" multiple times in the code, the developer can simply write "pypi.inputInt(prompt='Enter a number: ')", which is shorter and easier to read.

3. The inputInt() and inputFloat() functions are used to take integer and floating-point numeric inputs respectively. They are part of the PyInputPlus module in Python, which provides additional validation features for user inputs<sup>1</sup>.

The main difference between inputInt() and inputFloat() is that inputInt() returns an int value, while inputFloat() returns a float value. They also have different parameters for specifying bounds, such as min, max, greaterThan and lessThan

4. You can use the inputInt() function from PyInputPlus to ensure that the user enters a whole number between 0 and 99. Here's an example code snippet:

```
import pyinputplus as pyip
num = pyip.inputInt(prompt='Enter a number between 0 and 99: ',
min=0, max=99)
print(num)
```

5. The keyword arguments `allowRegexes` and `blockRegexes` are typically used in the context of web scraping or text processing.

**allowRegexes** is a list of regular expressions that are used to match text patterns that you want to allow or include in your processing. For example, if you are scraping a webpage for product information, you might use `allowRegexes` to specify the regular expression patterns that match the names, prices, and descriptions of the products that you want to extract.

**blockRegexes**, on the other hand, is a list of regular expressions that are used to match text patterns that you want to block or exclude from your processing. For example, if you are scraping a webpage for product information, you might use `blockRegexes` to specify the regular expression patterns that match advertisements, irrelevant content, or other information that you don't want to extract.

In summary, **allowRegexes** specifies the regular expression patterns that you want to allow or include, while **blockRegexes** specifies the regular expression patterns that you want to block or exclude.

6. If a blank input is entered three times in a row, the function will raise an error indicating that the limit of input attempts has been reached without receiving a valid input. The specific error message may vary depending on the implementation of the function.
7. The `inputStr(limit=3, default='hello')` function works similarly to `inputStr(limit=3)` with the addition of a default value of 'hello'. This means that if the user enters a blank input three times in a row, instead of raising an error, the function will return the default value of 'hello'.