1. Is the Python Standard Library included with PyInputPlus?

PyInputPlus is not a part of the Python Standard Library, so we must install it separately using Pip. To install PyInputPlus, run pip install --user pyinputplus from the command line.

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

The ’as pyip’ code in the import statement saves us from typing pyinputplus each time we want to call a PyInputPlus function. Instead we can use the shorter pyip name.

1. How do we distinguish between inputInt() and inputFloat()?

inputInt() - Accepts an integer number. Also has min/max/greaterThan/lessThan parameters. Returns an int, not a str.

inputFloat() - Accepts a floating-point number. Also has min/max/greaterThan/lessThan parameters. Returns a float, not a str.

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

>>> response = pyip.inputInt(greaterThan=0, lessThan=99)

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

The allowRegexes and blockRegexes keyword arguments take a list of regular expression strings to determine what the PyInputPlus function will accept or reject as valid input. For example, enter the following code into the interactive shell so that inputNum() will accept Roman numerals in addition to the usual numbers:

>>> import pyinputplus as pyip  
>>> response = pyip.inputNum(allowRegexes=[r'(I|V|X|L|C|D|M)+', r'zero'])  
XLII  
>>> response  
'XLII'  
>>> response = pyip.inputNum(allowRegexes=[r'(i|v|x|l|c|d|m)+', r'zero'])  
xlii  
>>> response  
'xlii'

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

inputStr() raises a TimeoutException exception. If the user answers incorrectly more than 3 times, it raises a RetryLimitException exception.

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

 If the user answers incorrectly more than 3 times, ‘hello’ will be initialised as the default input value.