Assignment - 8

1. Is the Python Standard Library included with PyInputPlus?

Ans:

PyInputPlus is not a part of the Python Standard Library, so you must install it separately using Pip

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

Ans:

pypi is alias of PyInputPlus. 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

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

Ans:

inputInt() : Accepts an integer value, and returns int value  
inputFloat() : Accepts integer/floating point value and returns float value

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

Ans:

In the inputint function we can set the min = 0 and max =99 to ensure user enters number between 0 and 99

pyip.inputInt(min = 0, max =99)

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

Ans:

We can also use regular expressions to specify whether an input is allowed or not. 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.

response = pyip.inputNum(allowRegexes=[r'(I|V|X|L|C|D|M)+', r'zero']) *# it allowes roman letters as numbers too*

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

Ans:

It will throw RetryLimitException exception.

7. If blank input is entered three times, what does inputStr(limit=3, default=&#39;hello&#39;) do?

Ans:

* When you use limit keyword arguments and also pass a default keyword argument, the function returns the default value instead of raising an exception

response = pyip.inputStr(limit=3,default='hello')