1. Is the Python Standard Library included with PyInputPlus?

Answer:

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

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

Answer:

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

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

Answer:

inputInt() : Accepts an integer value, and returns int value

inputFloat() : Accepts integer/floating point value and returns float value

import pyinputplus as pyip

pyip.inputInt()

pyip.inputFloat()

7.8

'7.8' is not an integer.

7

9

9.0

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

Answer:

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

Input [ ]: pyip.inputInt(min = 0, max =99)

777

Number must be at maximum 99.

66

Output [ ]: 66

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

Answer:

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.

In [9]: response = pyip.inputNum(allowRegexes=[r'(I|V|X|L|C|D|M)+', r'zero']) *# it allowes roman letters as numbers too*

X

In [10]: response = pyip.inputNum(blockRegexes=[r'[02468]$'])*# blocks the even numbers*

2

This response is invalid.

4

This response is invalid.

6

This response is invalid.

45

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

Answer:

It will throw RetryLimitException exception.

Input [ ]: response = pyip.inputStr(limit=3)

Blank values are not allowed.

Blank values are not allowed.

Blank values are not allowed.

1. If blank input is entered three times, what does inputStr(limit=3, default='hello') do?
2. When you use limit keyword arguments and also pass a default keyword argument, the function returns the default value instead of raising an exception

Input [ ]: response = pyip.inputStr(limit=3,default='hello')

response

Blank values are not allowed.

Blank values are not allowed.

Blank values are not allowed.

Output [ ]: 'hello'