1. Is the Python Standard Library included with PyInputPlus?

No

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

PyInputPlus is a Python module used for taking inputs with additional validation features

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

inputInt() : Accepts an integer value. This also takes additional parameters ‘min’, ‘max’, ‘greaterThan’ and ‘lessThan’ for bounds. Returns an int.

inputFloat() : Accepts a floating-point numeric value. Also takes additional ‘min’, ‘max’, ‘greaterThan’ and ‘lessThan’ parameters. Returns a float

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

import pyinputplus as pyip

inp = pyip.inputInt(prompt = "Enter an Integer... ",

min = 0, lessThan = 99 )

output: Enter an Integer... 100

Number must be less than 99.

Enter an Integer...

The min and max parameters can be used to set lower and upper bounds for the input. Similarly, the greaterThan and lessThan parameters are used to set the external bounds.

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

allowRegexes : We can set a list of regex strings to the allowRegexes parameter to the PyInputPlus functions.

Eg

import pyinputplus

phone = pyinputplus.inputNum(prompt='What is your phone?', **allowRegexes=[r'\d{3}-\d{3}-\d{4}', r'None'])**

print('Your phone is', phone)

blockRegexes :Certain inputs can be blocked (that is, these values are invalidated) by setting the blockRegexes parameter’s value as the regex pattern we want to invalidate.

Eg

import pyinputplus as pyip

# string input with

# additional parameters

inp = pyip.inputStr(prompt="Enter a string... ",

                    blank=True, blockRegexes = 'aeiou')

print(inp)

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

The inputInt() function is used to take integer inputs. If any non-integer input is passed, the function retries until a valid input is given, time runs out or maximum number of tries exceed. The default parameter is used to set the default value if time runs out or the number of tries exceeds. The limit parameter is used to specify the maximum number of tries the user has for entering a valid input, after which the default value is returned, if specified, or a RetryLimitException is raised otherwise.

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

After the three tries exceed, hello will be returned as default value