

Question 1.

Is the Python Standard Library included with PyInputPlus?

Answer 1:

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

PyInputPlus will keep asking the user for text until they enter valid input.

Question 2.

Why is PyInputPlus commonly imported with import pyinputplus as pypi?

Answer 2:

The 'as pypi' code in the import statement saves us from typing pyinputplus each time we want to call a PyInputPlus function.

Question 3.

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

Answer 3:

"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.

Question 4.

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

Answer 4:

import pyinputplus as pypi

```
# integer input with
# specific bounds
inp = pypi.inputInt(prompt = "Enter an Integer... ",min = 0, max = 99 )

print(inp)
```

Output: Enter an Integer... 5.5
'5.5' is not an integer.
Enter an Integer... -9
Number must be at minimum 0.
Enter an Integer... 600
Number must be at maximum 99.
Enter an Integer... 95
95

Question 5.

What is transferred to the keyword arguments allowRegexes and blockRegexes?

Answer 5:

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.

Name: Md Sajid Ansari

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Question 6.

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

Answer 6:

It will raise `RetryLimitException`.

Question 7.

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

Answer 7:

The function returns the default value instead of raising an exception.

returns the string 'hello'.