**PYTHON ASSIGNMENT - 8**

1.Is the Python Standard Library included with PyInputPlus?

ANSWER:

No, PyInputPlus is not a part of the Python Standard Library. It is a separate third-party library that provides additional functionality for taking input from users.

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

ANSWER:

PyInputPlus is commonly imported with import pyinputplus as pypi to make it easier to reference in code by using the shorter alias pypi instead of typing out pyinputplus each time.

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

ANSWER:

inputInt() is used to specifically prompt the user for an integer input, whereas inputFloat() is used to prompt the user for a floating-point (decimal) input.

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

ANSWER:

import pyinputplus as pyip

user\_input = pyip.inputInt(prompt="Enter a number between 0 and 99: ", min=0, max=99)

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

ANSWER:

The allowRegexes keyword argument is used to specify a list of regular expressions that match inputs that are allowed. The blockRegexes keyword argument is used to specify a list of regular expressions that match inputs that are not allowed.

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

ANSWER:

If a blank input is entered three times, inputStr(limit=3) will raise a pyinputplus.RetryLimitException, indicating that the maximum number of retries (3 in this case) has been reached without receiving valid input.

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

ANSWER:

If blank input is entered three times, inputStr(limit=3, default='hello') will return the default value 'hello' after the maximum number of retries (3 in this case) is reached without receiving valid input.