Assignment-8

1. Is the Python Standard Library included with PyInputPlus?
   Python Standard Library and PyInputPlus are separate libraries. The Python Standard Library is included with the Python installation and provides a wide range of modules and functions for performing common programming tasks, while PyInputPlus is a third-party library that provides additional functionality for handling user input in Python programs.

2. Why is PyInputPlus commonly imported with import pyinputplus as pypi?
   In the case of PyInputPlus, the module name is relatively long, and using pypi as an alias makes it quicker and easier to type the module name when you need to use its functions. It also makes the code more readable and easier to understand, as you can see at a glance which functions are coming from PyInputPlus.

3. How do you distinguish between inputInt() and inputFloat()?
   The main difference between the two functions is that inputInt() will only accept integer input from the user, while inputFloat() will accept both integer and floating-point input from the user.

4. Using PyInputPlus, how do you ensure that the user enters a whole number between 0 and 99?
   To ensure that the user enters a whole number between 0 and 99 using PyInputPlus, you can use the inputInt() function along with the min and max parameters to specify the acceptable range of integers

5. What is transferred to the keyword arguments allowRegexes and blockRegexes?
   allowRegexes and blockRegexes keyword arguments are used to specify regular expressions that are either allowed or blocked as valid input by the inputStr() function.

6. If a blank input is entered three times, what does inputStr(limit=3) do?
   The inputStr() function with the limit parameter set to 3 will allow the user to enter an input string up to three times. If the user enters a blank input for all three attempts, a TimeoutException will be raised.

7. If blank input is entered three times, what does inputStr(limit=3, default='hello') do?
   The inputStr() function with the limit parameter set to 3 and default parameter set to 'hello' will allow the user to enter an input string up to three times. If the user enters a blank input for all three attempts, the function will return the default value 'hello' instead of raising a TimeoutException.