**Assignment 8-**

**1. Is the Python Standard Library included with PyInputPlus?**

**Ans-1** PyInputPlus is not a part of the Python Standard Library, so you must install it separately using Pip

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

**Ans-2** PyInputPlus has functions to enter a variety of input, including strings, numbers, dates, yes/no, True/False, emails, and files. The module can be imported as pyip to use a shorter name when calling its functions.

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

**Ans-**3 inputInt() Accepts an integer value and also takes additional parameters ‘min’, ‘max’, ‘greater Than’ and ‘less Than’ for bounds. Returns an int whereas inputFloat() Accepts a floating-point numeric value which Also takes additional ‘min’, ‘max’, ‘greater Than’ and ‘less Than’ parameters. Returns a float.

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

**Ans-4** In the inputint function we can set the min = 0 and max =99 to ensure user enters number between 0 and 99

pyip**.**inputInt(min **=** 0, max **=**99)

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

**Ans-5** 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.

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

**Ans-6** . It will throw RetryLimitException exception

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

**Ans-7** If you pass a default keyword argument along with limit keyword arguments, the function returns the default value instead of raising an exception