**Assignment 8 Solutions**

**Ans1:**

No, **PyInputPlus** is not a part of Python Standard Library, it needs to be installed explicitly using the command  **= pip install PyInputPlus.**

**Ans2:**

The module  is **importorted as pyinputplus as pyip** so that it can be easy/convenient enter a shorter name when calling the module's functions.

**Ans3:**

**inputInt()** function Accepts an integer value. This also takes additional parameters **min**, **max**, **>** and  **<**for bounds. And it always returns an int.

Whereas **inputFloat()** function Accepts a floating-point numeric value. this also takes additional **min**, **max**, **>** and **<** parameters. and always returns a float.

**Ans4:**

**PyInputPlus** module provides a function called as **inputInt()** which only returns only integer values. We can restrict the input between 0 and 99, by using **min** & **max** parameters.

**Ans5:**

We can use **allowRegexes** and **blockRegexes** keyword arguments to take list of regular expression strings to determine what the pyinputplus function will reject or accept valid input.

**Ans6:**

The statement **inputStr(limit=3)** will throw two exceptions **ValidationException** and **RetryLimitException**. The first exception is thrown because blank values are not allowed by inputStr() function by default. it we want to consider blank values as valid input, we have to set **blank=True**.

The second exception is occured because we have reached the max limit we have specified by using **limit** parameter. inorder to avoid this exception we can use **default** parameter to return a default value when max limit is reached.

**Ans7:**

Since the default parameter is set to **hello**. After blank input is entered three times instead of raising **RetryLimitException** exception. The function will return **hello** as response to the calling function