**ASSIGNMENT-5**

**Loops**

Let’s iterate your minds with loops.

1. Take 10 integers from user and print it on screen.
2. Write an infinite loop.An infinite loop never ends. Condition is always true.
3. Create a list of integer elements by user input. Make a new list which will store square of elements of previous list.
4. From a list containing ints, strings and floats,print the types of each element.
5. Using **range(1,101)**, make a list containing even and odd numbers.
6. Print the following patterns:

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7. Create a user defined dictionary and get keys corresponding to the value using for loop.

8. Take inputs from user to make a list. Again take one input from user and search it in the list and delete that element, if found. Iterate over list using for loop.