CS 5710 - Machine Learning

Programming Assignment-2

GITHUB LINK: https://github.com/vijender6/vijender

 $RECORDING \ \ VIDEO \ \ LINK: \\ \underline{https://drive.google.com/file/d/1CG4iRetHS9xskLyUxv95y2eZo-agkRl9/view?usp=drive \ link}$

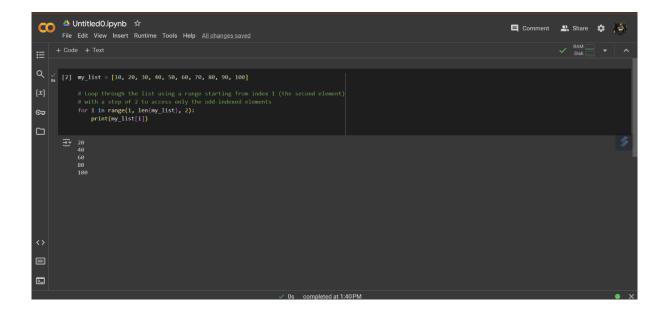
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1. Use a python code to display the following star pattern using the for loop

```
## Code + Text

| Code + Text | Code | Feet | Code | Feet
```

2. Use looping to output the elements from a provided list present at odd indexes. $my_list = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]$



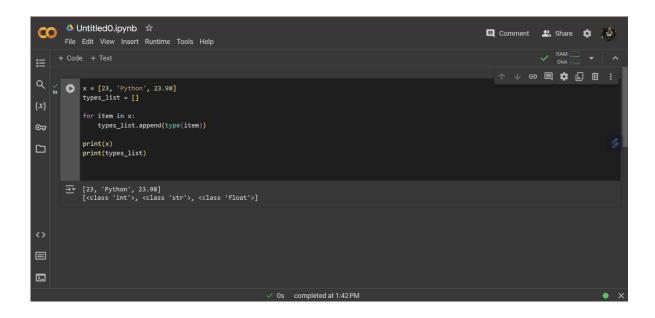
3. Write a code that appends the type of elements from a given list.

Input x = [23, 'Python',

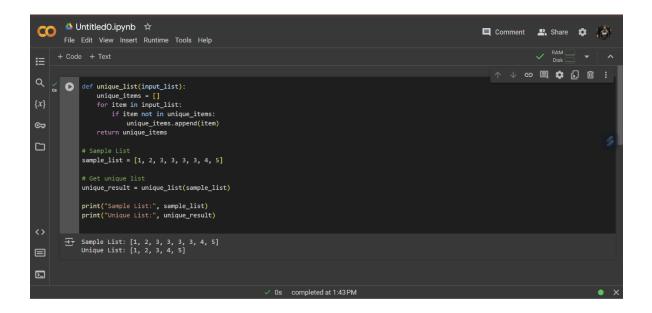
23.98] Expected output

[23, 'Python', 23.98]

[<class 'int'>, <class 'str'>, <class 'float'>]



4. Write a function that takes a list and returns a new list with unique items of the first list. Sample List: [1,2,3,3,3,3,4,5]



5. Write a function that accepts a string and calculate the number of upper-case letters and lower-case letters.

Input String: 'The quick Brow Fox' Expected

Output: No. of Upper-case characters: 3

No. of Lower-case Characters: 12

