**CS5720**

**Neural Networks & Deep Learning - ICP-1**

**Name: Sai Krishna Reddy Chevutukur**

**#700: 700743830**

**Username: SXC38300**

**Github Link**: <https://github.com/csk17/Neural-Networks-DL-Assignment-1>

**1. Write a python program for the following:**

– Input the string “Python” as a list of characters from console, delete at least 2 characters, reverse the resultant string and print it.

*Sample input:*

•python

•*Sample output:* •ntyp

– Take two numbers from user and perform at least 4 arithmetic operations on them.

**Solution:**

* The string ‘python’ is entered from the console.
* The two characters were deleted from the string and printed.
* Now the string is reversed and printed.
* Taking two numbers from user input as a and b and performing addition, subtraction, division, multiplication and modulous function and printing the output.

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**2. Write a program that accepts a sentence and replace each occurrence of ‘python’ with ‘pythons’.**

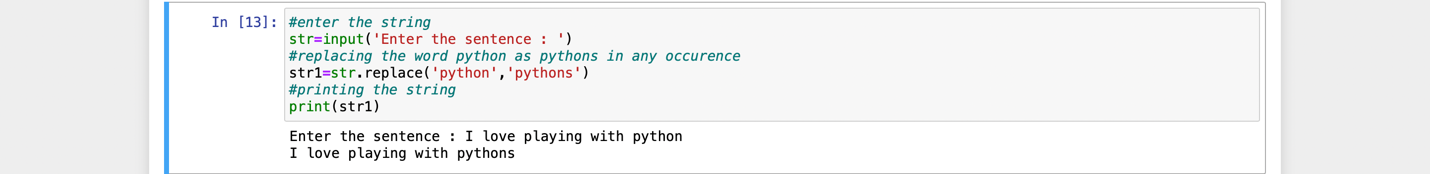
•*Sample input:*

•I love playing with python

•*Sample output:*•I love playing with pythons

**Solution:**

* The string is given from the user input.
* If any occurrence of the word ‘python’ is replaced with ‘pythons’ by using replace() function.
* The new string is printed.



3. Use the if statement conditions to write a program to print the letter grade based on an input class score. Use the grading scheme we are using in this class.

**Solution:**

* Entering the marks obtained by the student from user input as x variable.
* The if statements were used to check the grade of the students according the grading schema from the course.
* The grades were obtained and printed.

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