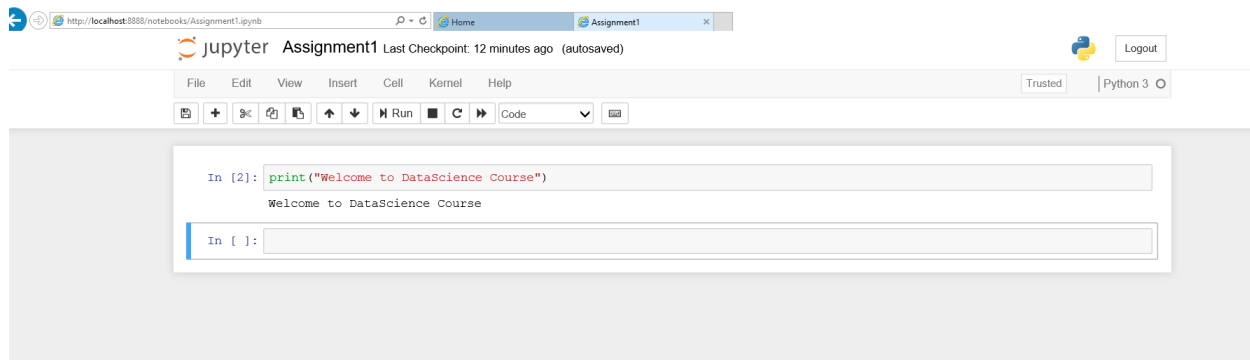


Assignment 1:

1. Install Jupyter notebook and run the first program and share the screenshot of the output.



2. Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included). The numbers obtained should be printed in a comma-separated sequence on a single line.

```
In [15]: div_by_7_not_by_5=""
for i in range(2000,3201):
    if i%7==0 and i%5!=0:
        div_by_7_not_by_5 = div_by_7_not_by_5 +str(i)+' , '
print (div_by_7_not_by_5)

2002 ,2009 ,2016 ,2023 ,2037 ,2044 ,2051 ,2058 ,2072 ,2079 ,2086 ,2093 ,2107 ,2114 ,2121 ,2128 ,2142 ,2149 ,2156 ,216
3 ,2177 ,2184 ,2191 ,2198 ,2212 ,2219 ,2226 ,2233 ,2247 ,2254 ,2261 ,2268 ,2282 ,2289 ,2296 ,2303 ,2317 ,2324 ,2331 ,
2338 ,2352 ,2359 ,2366 ,2373 ,2387 ,2394 ,2401 ,2408 ,2422 ,2429 ,2436 ,2443 ,2457 ,2464 ,2471 ,2478 ,2492 ,2499 ,250
6 ,2513 ,2527 ,2534 ,2541 ,2548 ,2562 ,2569 ,2576 ,2583 ,2597 ,2604 ,2611 ,2618 ,2632 ,2639 ,2646 ,2653 ,2667 ,2674 ,
2681 ,2688 ,2702 ,2709 ,2716 ,2723 ,2737 ,2744 ,2751 ,2758 ,2772 ,2779 ,2786 ,2793 ,2807 ,2814 ,2821 ,2828 ,2842 ,284
9 ,2856 ,2863 ,2877 ,2884 ,2891 ,2898 ,2912 ,2919 ,2926 ,2933 ,2947 ,2954 ,2961 ,2968 ,2982 ,2989 ,2996 ,3003 ,3017 ,
3024 ,3031 ,3038 ,3052 ,3059 ,3066 ,3073 ,3087 ,3094 ,3101 ,3108 ,3122 ,3129 ,3136 ,3143 ,3157 ,3164 ,3171 ,3178 ,319
2 .3199 .
```

3. Write a Python program to accept the user's first and last name and then getting them printed in the reverse order with a space between first name and last name

```
In [20]: fn=input("Enter First Name: ")
ln=input("Enter Last Name: ")
reversfn=''
reversln=''

for i in fn:
    reversfn=i+reversfn

for i in ln:
    reversln=i+reversln
print(reversfn + " " + reversln)

Enter First Name: Narasimha
Enter Last Name: Vemula
ahmisaraN alumeV
```

4. Write a Python program to find the volume of a sphere with diameter 12 cm.

```
import math as m
diameter=12
radius=12/2
voll=(4/3)*m.pi*float(radius**3)
print(voll)
```

904 7786842238603