

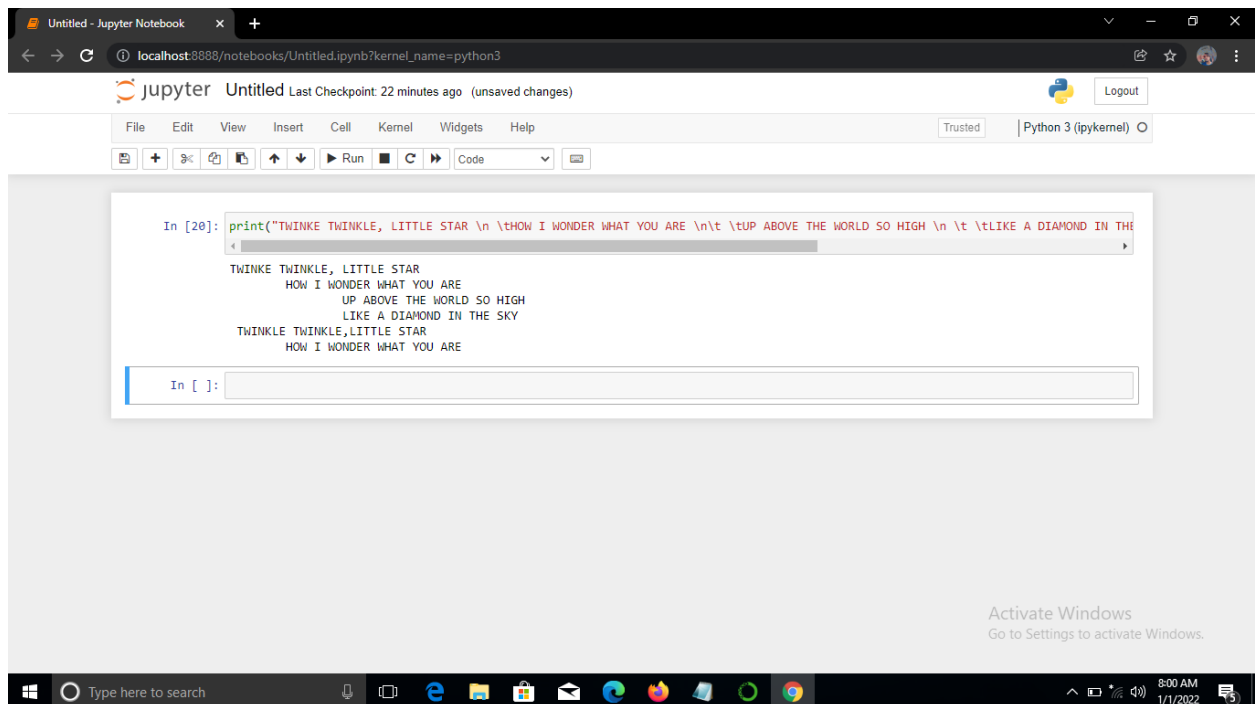
DATA SCIENCE BY JAWAN PAKISTAN

NAME : MUHAMMAD NOMAN

EMAIL: mn885069@gmail.com

ASSIGNMENT # 1

QUESTION NO : 1

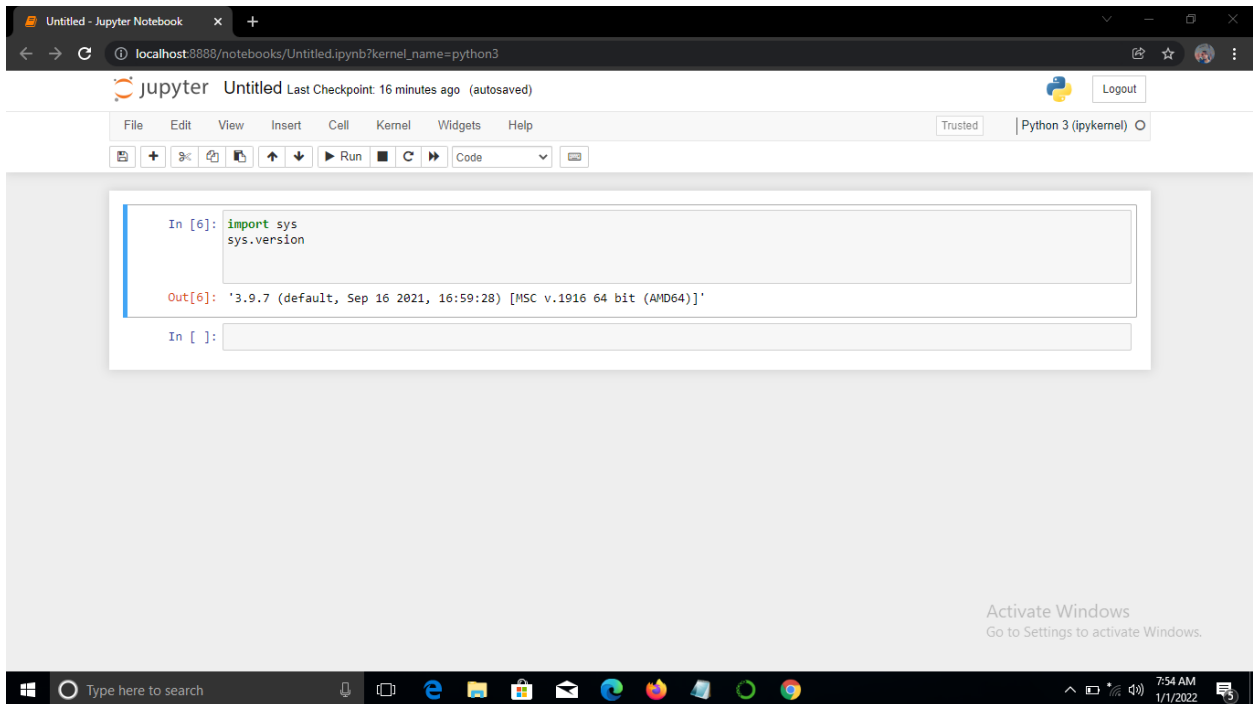


The screenshot shows a Jupyter Notebook running in a web browser at localhost:8888. The notebook has a single code cell with the following Python code:

```
In [20]: print("TWINKE TWINKLE, LITTLE STAR \n \tHOW I WONDER WHAT YOU ARE \n\t \tUP ABOVE THE WORLD SO HIGH \n \t \tLIKE A DIAMOND IN THE  
TWINKE TWINKLE, LITTLE STAR  
      HOW I WONDER WHAT YOU ARE  
            UP ABOVE THE WORLD SO HIGH  
            LIKE A DIAMOND IN THE SKY  
TWINKE TWINKLE,LITTLE STAR  
      HOW I WONDER WHAT YOU ARE")
```

The output of the code is displayed below the cell, showing the poem "Twinkle Twinkle Little Star" formatted with tabs and newlines. The Jupyter interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help), a toolbar with icons for file operations and execution, and a status bar at the bottom showing the Windows taskbar with the time 8:00 AM on 1/1/2022.

QUESTION NO : 2



A screenshot of a Jupyter Notebook interface. The browser address bar shows 'localhost:8888/notebooks/Untitled.ipynb?kernel_name=python3'. The Jupyter header indicates 'Untitled' and 'Last Checkpoint: 16 minutes ago (autosaved)'. The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The toolbar shows icons for file operations and execution. The code cell contains the following Python code:

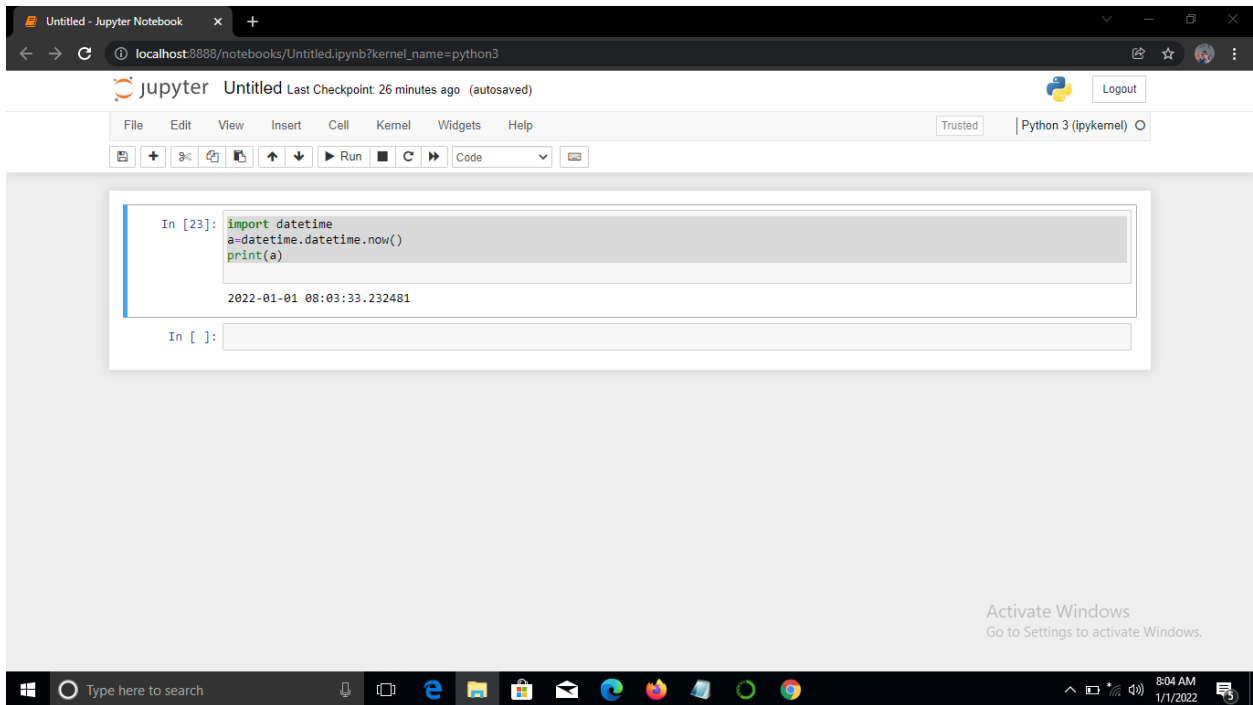
```
In [6]: import sys
        sys.version
```

The output of the cell is:

```
Out[6]: '3.9.7 (default, Sep 16 2021, 16:59:28) [MSC v.1916 64 bit (AMD64)]'
```

The bottom of the screen shows a Windows taskbar with the search bar and various application icons. A watermark 'Activate Windows' is visible in the bottom right corner.

QUESTION NO : 3



A screenshot of a Jupyter Notebook interface. The browser address bar shows 'localhost:8888/notebooks/Untitled.ipynb?kernel_name=python3'. The Jupyter header indicates 'Untitled' and 'Last Checkpoint: 26 minutes ago (autosaved)'. The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The toolbar shows icons for file operations and execution. The code cell contains the following Python code:

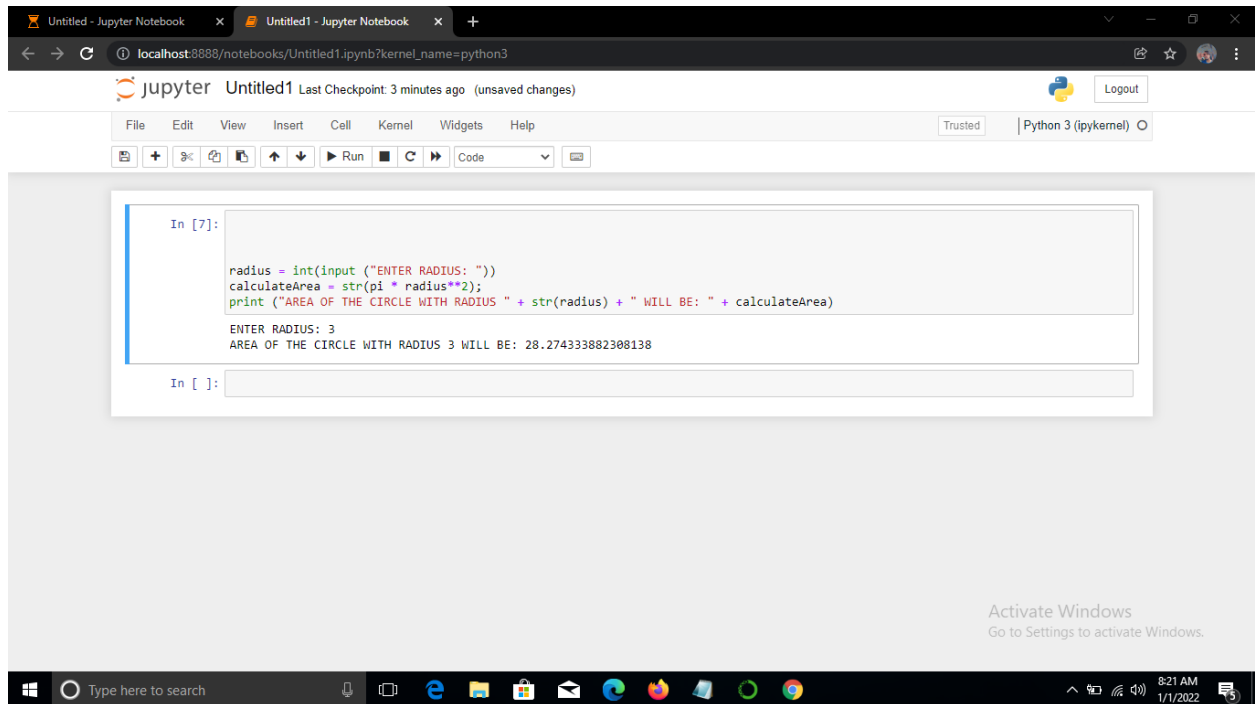
```
In [23]: import datetime
         a=datetime.datetime.now()
         print(a)
```

The output of the cell is:

```
2022-01-01 08:03:33.232481
```

The bottom of the screen shows a Windows taskbar with the search bar and various application icons. A watermark 'Activate Windows' is visible in the bottom right corner.

QUESTION NO : 4



A screenshot of a Jupyter Notebook interface. The browser address bar shows 'localhost:8888/notebooks/Untitled1.ipynb?kernel_name=python3'. The notebook title is 'Untitled1' with a status of 'Last Checkpoint: 3 minutes ago (unsaved changes)'. The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The toolbar shows icons for file operations and a 'Run' button. The code cell, labeled 'In [7]:', contains the following Python code:

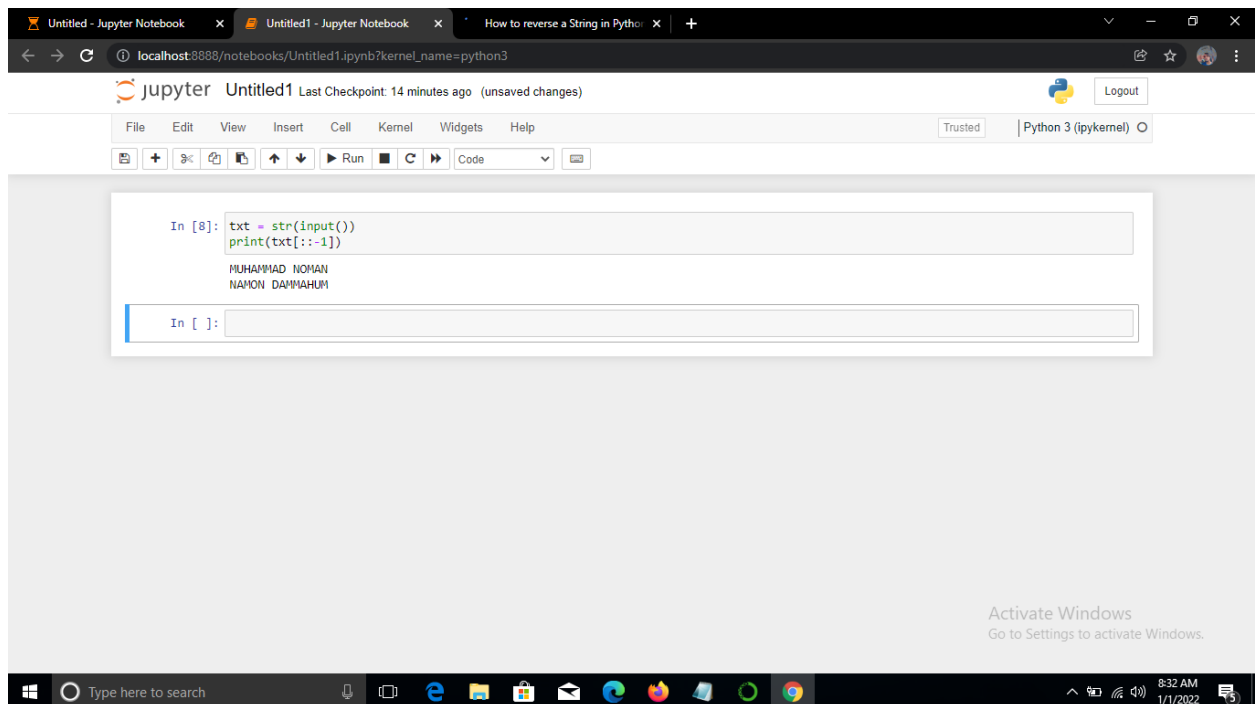
```
radius = int(input("ENTER RADIUS: "))
calculateArea = str(pi * radius**2);
print("AREA OF THE CIRCLE WITH RADIUS " + str(radius) + " WILL BE: " + calculateArea)
```

The output of the code is displayed below the cell:

```
ENTER RADIUS: 3
AREA OF THE CIRCLE WITH RADIUS 3 WILL BE: 28.274333882308138
```

The bottom of the screen shows a Windows taskbar with the search bar, taskbar icons, and system tray showing the time as 8:21 AM on 1/1/2022.

QUESTION NO : 5



A screenshot of a Jupyter Notebook interface. The browser address bar shows 'localhost:8888/notebooks/Untitled1.ipynb?kernel_name=python3'. The notebook title is 'Untitled1' with a status of 'Last Checkpoint: 14 minutes ago (unsaved changes)'. The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The toolbar shows icons for file operations and a 'Run' button. The code cell, labeled 'In [8]:', contains the following Python code:

```
txt = str(input())
print(txt[::-1])
```

The output of the code is displayed below the cell:

```
MUHAMMAD NOMAN
NOMAN DAMMAHUM
```

The bottom of the screen shows a Windows taskbar with the search bar, taskbar icons, and system tray showing the time as 8:32 AM on 1/1/2022.

QUESTION NO : 6

Untitled - Jupyter Notebook

Untitled1 - Jupyter Notebook

+

localhost:8888/notebooks/Untitled1.ipynb?kernel_name=python3

jupyter

Untitled1

Last Checkpoint: 19 minutes ago (unsaved changes)

Logout

FileEditViewInsertCellKernelWidgetsHelp

TrustedPython 3 (ipykernel)

In [11]:

```
print("ENTER FIRST VALUE:")
a=int(input())
print("ENTER SECOND VALUE:")
b=int(input())
c=a+b
print("SUM IS: ",c)
```

```
ENTER FIRST VALUE:
2
ENTER SECOND VALUE:
4
SUM IS:  6
```

In []:

In []:

In []:

Activate Windows
Go to Settings to activate Windows.

Type here to search

8:37 AM
1/1/2022