

Course Name : Practical  
Time:10.00-12.00  
Name:Prashant Yanjane  
Batch No : 2

Course Code:IT-11L  
Date:1/10/2021  
Roll no :38  
Slip No:20

Q 1. Write a python program

1 . Python Program to read the contents of a file in reverse order.

```
filename=input("Enter file name: ")  
for line in reversed(list(open(filename))):  
    print(line.rstrip())
```

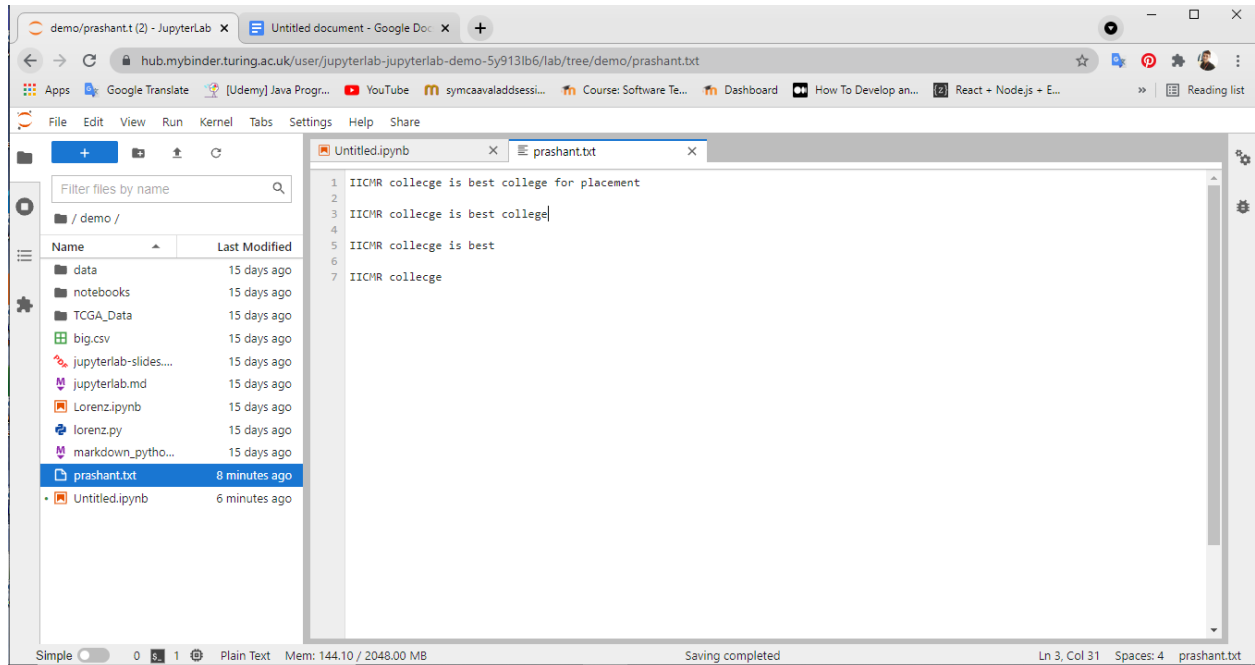
The screenshot shows a JupyterLab environment running on a web browser. The left sidebar displays a file explorer with a list of files and folders, including 'data', 'notebooks', 'TCGA\_Data', 'big.csv', 'jupyterlab-slides...', 'jupyterlab.md', 'Lorenz.ipynb', 'lorenz.py', 'markdown\_pytho...', 'prashant.txt', and 'Untitled.ipynb'. The main area shows the 'Untitled.ipynb' notebook with a single code cell containing the following Python code:

```
[3]: filename=input("Enter file name: ")  
for line in reversed(list(open(filename))):  
    print(line.rstrip())
```

The output of the code is displayed below the code cell, showing the contents of 'prashant.txt' in reverse order:

```
Enter file name: prashant.txt  
IICMR college  
  
IICMR college is best  
  
IICMR college is best college  
  
IICMR college is best college for placement
```

The status bar at the bottom indicates the environment is 'Python 3.7 (XPython)' and the mode is 'Command'.



2. Write a program to check the validity of vehicle number from maharashtra  
Eg. MH14EY1033

```
def isValidtyNo(str):  
    regex = ("^[A-Z]{2}[0-9]{2}[A-Z]{2}[0-9]{4}$")  
    p = re.compile(regex)  
  
    if(re.search(p, str)):  
        print("vehical number is valid ")  
    else:  
        print("vehical number is Invalid ")  
  
str = isValidtyNo("MH14EY1033")  
print(str)
```

Untitled.ipynb - JupyterLab x Untitled document - Google Doc x java - Want a regex for validating x

hub.gke2.mybinder.org/user/jupyterlab-jupyterlab-demo-9uneoanq/lab/tree/Untitled.ipynb

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tasks.py	22 days ago
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Untitled.ipynb

```
[26]: def isValidtyNo(str):
      regex = ("^[A-Z]{2}[0-9]{2}[A-Z]{2}[0-9]{4}$")
      p = re.compile(regex)

      if(re.search(p, str)):
          print("vehical number is valid ")
      else:
          print("vehical number is Invalid ")

      str = isValidtyNo("MH14EV1033")
      print(str)

      vehical number is valid
      None

[*]:
[ ]:
```

Simple 0 0 Python 3 Idle Mem: 151.73 / 2048.00 MB Saving completed Mode: Edit Ln 1, Col 1 Untitled.ipynb