

ASSIGNMENT NO 1

Computer Engineering Department

MACHINE LEARNING

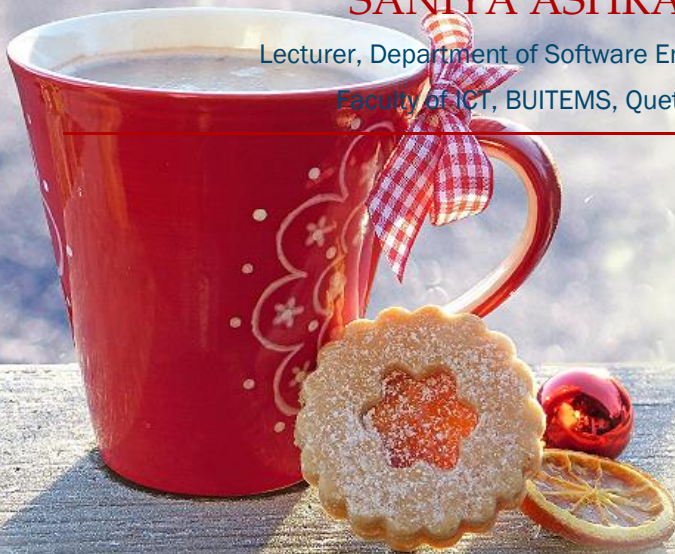
Submitted by

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Submitted
to

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Make sure you confirm that Anaconda is installed and working by opening a terminal window and running the command

TASK NO 1:

>> conda info and paste the result.

Result:

```
In [1]: conda info

active environment : base
active env location : C:\ProgramData\Anaconda3
shell level : 1
user config file : C:\Users\Bacha Khan\.condarc
populated config files : C:\Users\Bacha Khan\.condarc
conda version : 22.9.0
conda-build version : 3.21.6
python version : 3.9.7.final.0
virtual packages : __win=0=0
                  __archspec=1=x86_64
base environment : C:\ProgramData\Anaconda3 (read only)
conda av data dir : C:\ProgramData\Anaconda3\etc\conda
conda av metadata url : None
channel URLs : https://repo.anaconda.com/pkg/main/win-64
               https://repo.anaconda.com/pkg/main/noarch
               https://repo.anaconda.com/pkg/r/win-64
               https://repo.anaconda.com/pkg/r/noarch
               https://repo.anaconda.com/pkg/msys2/win-64
               https://repo.anaconda.com/pkg/msys2/noarch
package cache : C:\ProgramData\Anaconda3\pkgs
                 C:\Users\Bacha Khan\.conda\pkgs
                 C:\Users\Bacha Khan\AppData\Local\conda\conda\pkgs
envs directories : C:\Users\Bacha Khan\.conda\envs
                   C:\ProgramData\Anaconda3\envs
                   C:\Users\Bacha Khan\AppData\Local\conda\conda\envs
platform : win-64
user-agent : conda/22.9.0 requests/2.26.0 CPython/3.9.7 Windows/10 Windows/10.0.19044
administrator : False
netrc file : None
offline mode : False
```

Fig 1. conda info

3.1 Task 2:

Run the following script in I Python and paste the figure created by the script into your report
import matplotlib.pyplot as plt

```
import matplotlib.pyplot as plt  
plt.plot([1,2,1,5],[1,5,5,11])  
plt.axis([0, 4, 0, 16])  
plt.show()
```

Result:

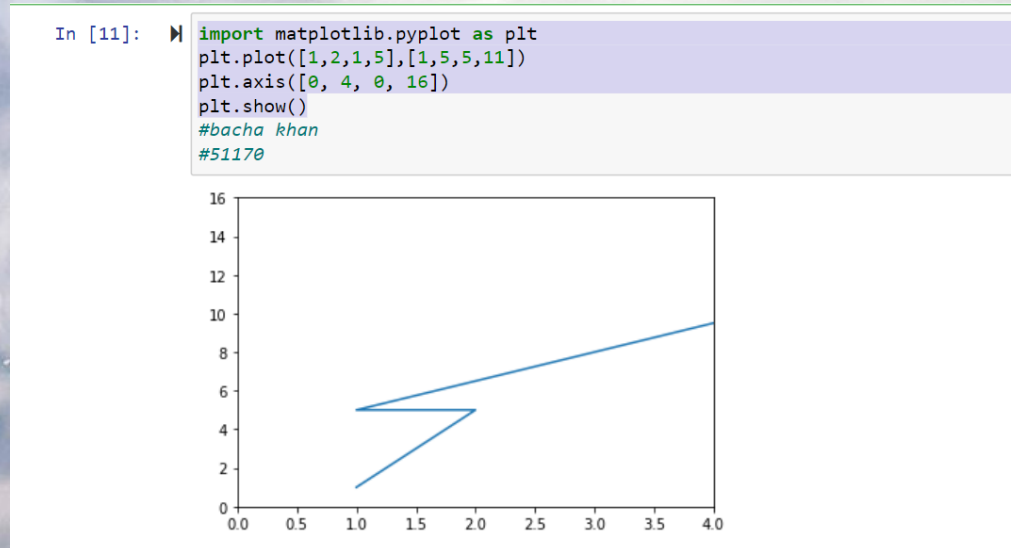


Fig 2: matplotlib.pyplot



3.2 Task 3 Use Matplotlib to create a figure of your choice in IPython. Paste your code and figure into your report

Result:

```
import matplotlib.pyplot as plt
plt.plot([3,5,7,11])
plt.axis([0, 8, 0, 8])
plt.show()
#bacha khan
#51170
```

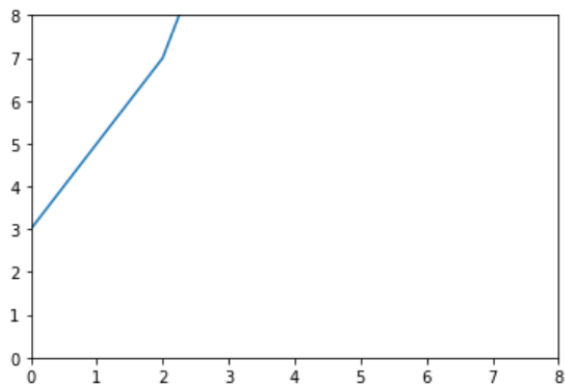


Fig 3: matplotlib.



4.1 TASK 4

register for a student account here for free private repository access for future projects and go through these tutorials. insert a screenshot of your user page in github in your report.

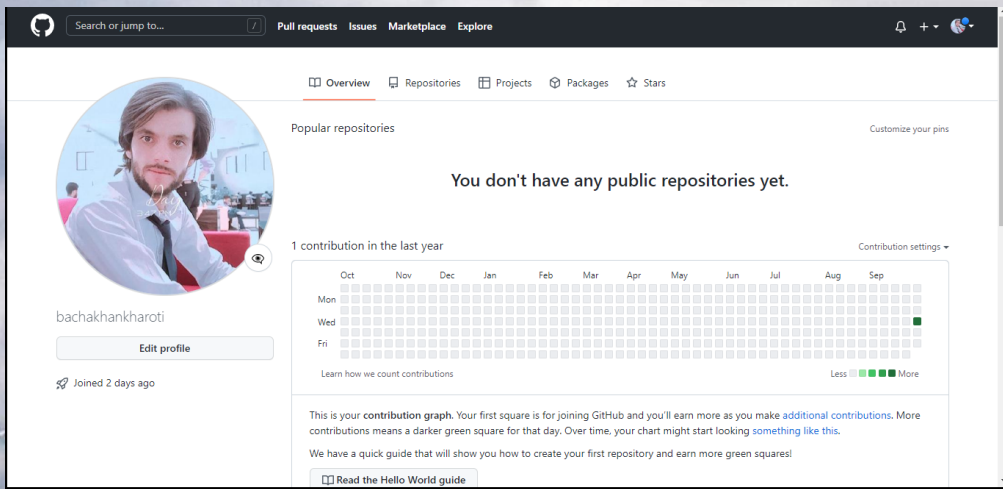


Fig 4: <https://github.com/bachakhankharoti>

Commented [BK1]: <https://github.com/bachakhankharoti>

