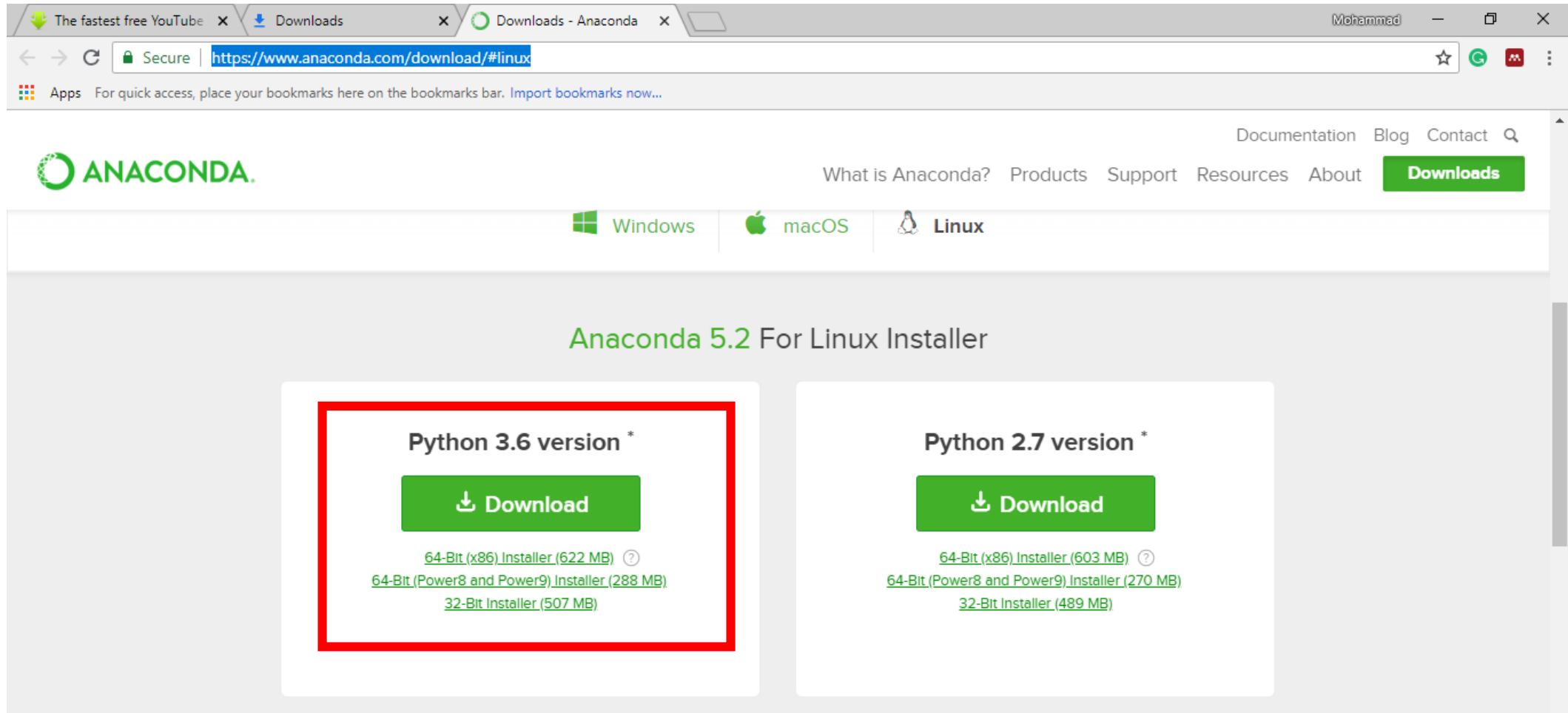


۱. به سایت <https://www.anaconda.com/download/#linux> بروید. در پایین صفحه، متناسب با نوع سیستم عامل، فایل Installer مورد نظر را دانلود کنید. در این دوره از Python 3.6 استفاده خواهد شد.



The screenshot shows a web browser window with the URL <https://www.anaconda.com/download/#linux>. The page is titled "Anaconda 5.2 For Linux Installer". It features two main download options for Linux:

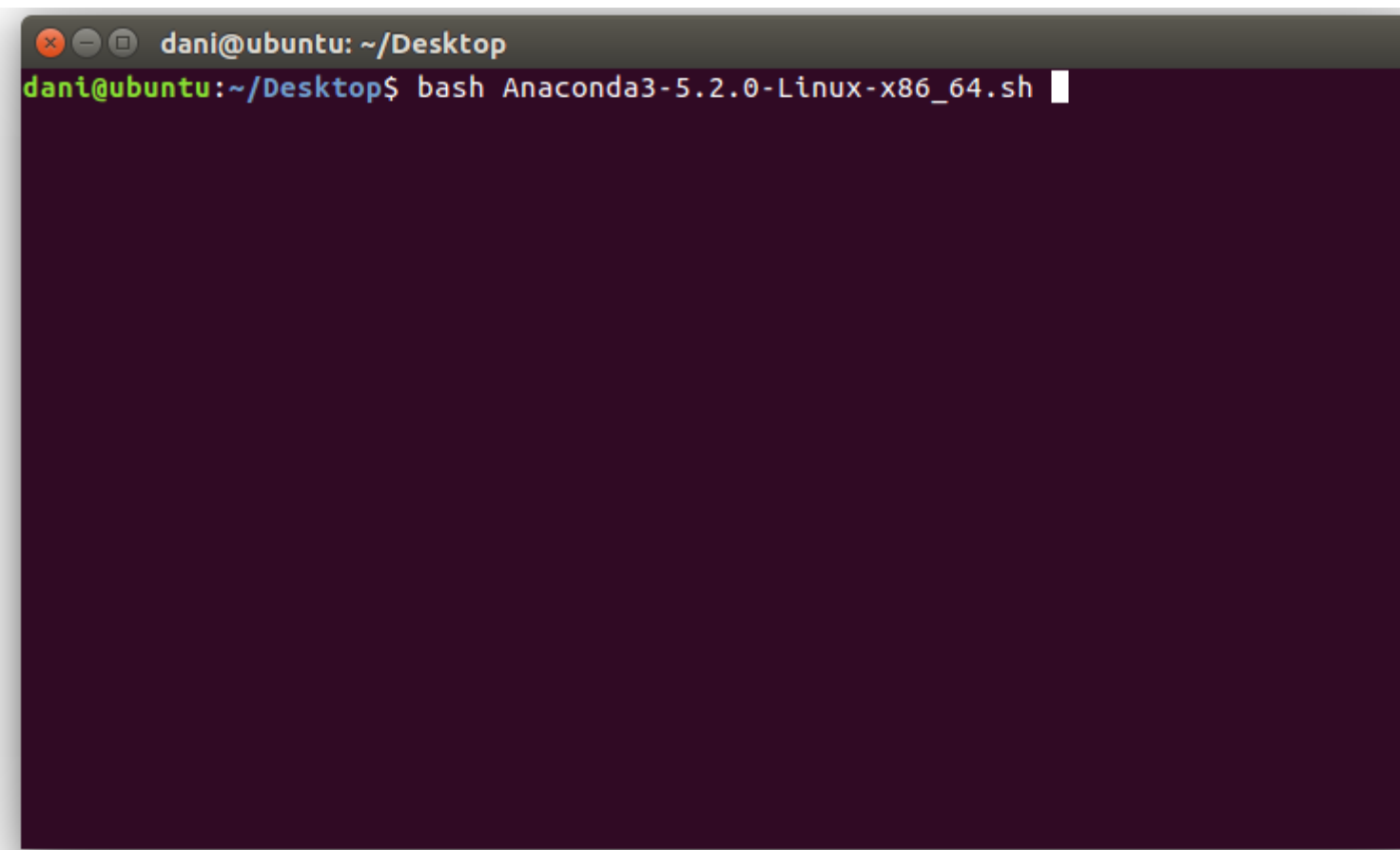
- Python 3.6 version ***: This section is highlighted with a red border. It includes a green "Download" button and links for:
 - 64-Bit (x86) Installer (622 MB) ?
 - 64-Bit (Power8 and Power9) Installer (288 MB)
 - 32-Bit Installer (507 MB)
- Python 2.7 version ***: This section includes a green "Download" button and links for:
 - 64-Bit (x86) Installer (603 MB) ?
 - 64-Bit (Power8 and Power9) Installer (270 MB)
 - 32-Bit Installer (489 MB)

The browser's address bar shows the URL, and the page header includes the Anaconda logo and navigation links like "Documentation", "Blog", "Contact", "What is Anaconda?", "Products", "Support", "Resources", "About", and a prominent "Downloads" button.

۲. پس از دانلود فایل Anaconda به محلی که فایل ذخیره شده است، بروید و پس از کلیک راست در صفحه، یک Terminal باز کنید. در ترمینال عبارت:

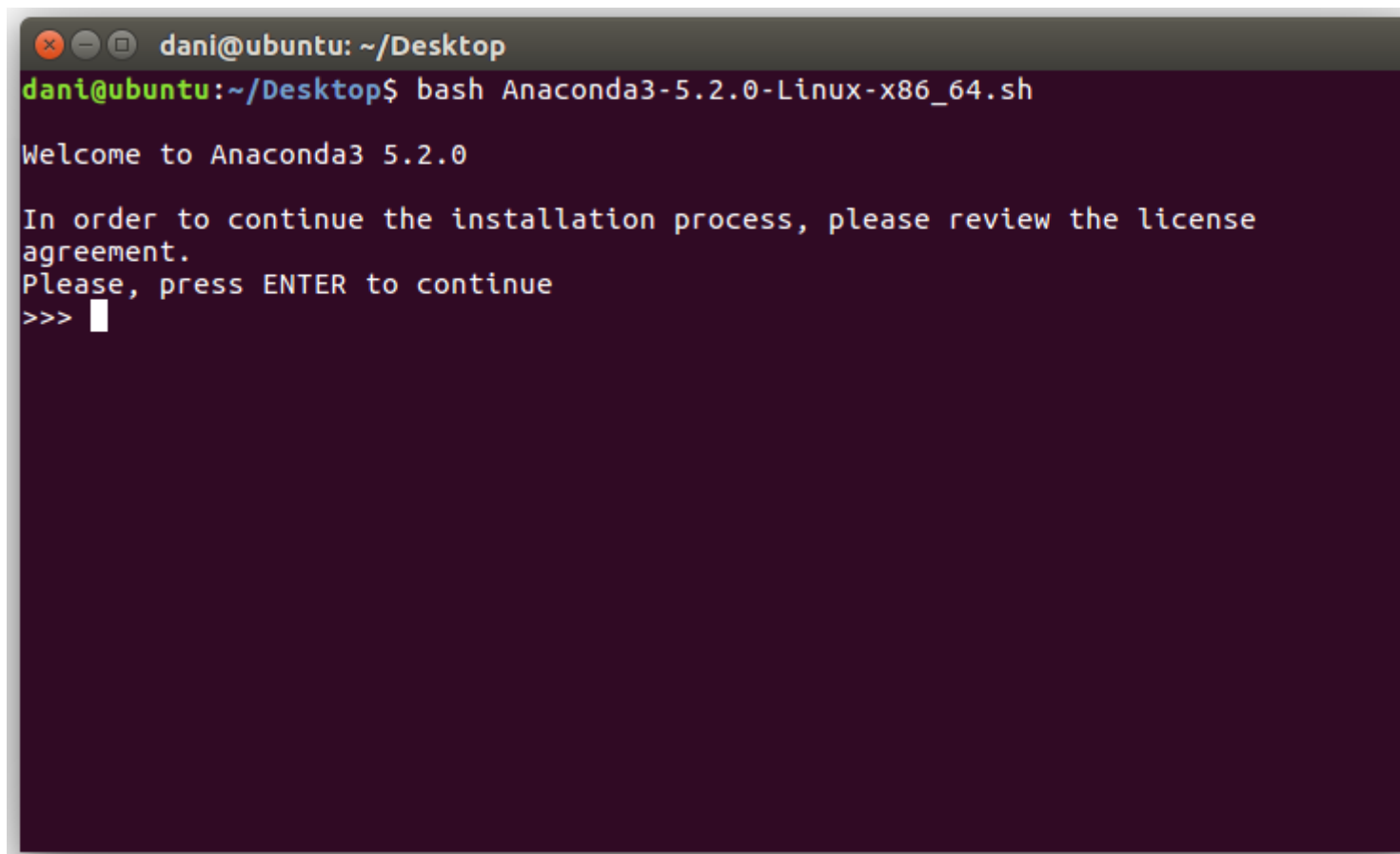
Bash yourfile_name

را همانند شکل زیر وارد کرده و دکمه Enter را بزنید

A terminal window with a dark purple background and a grey title bar. The title bar contains the text 'dani@ubuntu: ~/Desktop' and standard window control buttons. The terminal shows the command 'bash Anaconda3-5.2.0-Linux-x86_64.sh' entered at the prompt 'dani@ubuntu:~/Desktop\$'. A white cursor is visible at the end of the command line.

```
dani@ubuntu: ~/Desktop
dani@ubuntu:~/Desktop$ bash Anaconda3-5.2.0-Linux-x86_64.sh
```

۳. پس از زدن دکمه Enter عبارت زیر به شما نمایش داده می شود که برای ادامه دادن باید دوباره دکمه Enter زده شود

A terminal window with a dark purple background and a grey title bar. The title bar contains the text 'dani@ubuntu: ~/Desktop' and standard window control icons. The terminal shows the command 'bash Anaconda3-5.2.0-Linux-x86_64.sh' being executed. The output includes a welcome message and a prompt to review the license agreement by pressing ENTER.

```
dani@ubuntu: ~/Desktop
dani@ubuntu:~/Desktop$ bash Anaconda3-5.2.0-Linux-x86_64.sh
Welcome to Anaconda3 5.2.0

In order to continue the installation process, please review the license
agreement.
Please, press ENTER to continue
>>> 
```

۴. در این قسمت شرایط و License Agreement Anaconda دیده می شود که با استفاده از دکمه space به انتهای این متن می رویم (دکمه space را تا وقتی که عبارت نشان داده شده در تصویر صفحه بعد نمایش داده نشود فشار دهید)

```
dani@ubuntu: ~/Desktop
=====
Anaconda End User License Agreement
=====

Copyright 2015, Anaconda, Inc.

All rights reserved under the 3-clause BSD License:

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

    * Redistributions of source code must retain the above copyright notice, this
    list of conditions and the following disclaimer.
    * Redistributions in binary form must reproduce the above copyright notice, th
    is list of conditions and the following disclaimer in the documentation and/or o
    ther materials provided with the distribution.
    * Neither the name of Anaconda, Inc. ("Anaconda, Inc.") nor the names of its c
    ontributors may be used to endorse or promote products derived from this softwar
    e without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WA
RRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
--More--
```

۵. در این مرحله باید با نوشتن کلمه yes شرایط مورد نظر را تایید کنیم

```
dani@ubuntu: ~/Desktop

openssl
    The OpenSSL Project is a collaborative effort to develop a robust, commercia
l-grade, full-featured, and Open Source toolkit implementing the Transport Layer
Security (TLS) and Secure Sockets Layer (SSL) protocols as well as a full-stren
gth general purpose cryptography library.

pycrypto
    A collection of both secure hash functions (such as SHA256 and RIPEMD160), a
nd various encryption algorithms (AES, DES, RSA, ElGamal, etc.).

pyopenssl
    A thin Python wrapper around (a subset of) the OpenSSL library.

kerberos (krb5, non-Windows platforms)
    A network authentication protocol designed to provide strong authentication
for client/server applications by using secret-key cryptography.

cryptography
    A Python library which exposes cryptographic recipes and primitives.

Do you accept the license terms? [yes|no]
[no] >>> 
```

۶. در این مرحله نیز با زدن دکمه Enter محل نصب پیشرفرض Anaconda که `/home/username/anaconda3` می باشد را تایید میکنیم

```
dani@ubuntu: ~/Desktop
nd various encryption algorithms (AES, DES, RSA, ElGamal, etc.).

pyopenssl
    A thin Python wrapper around (a subset of) the OpenSSL library.

kerberos (krb5, non-Windows platforms)
    A network authentication protocol designed to provide strong authentication
    for client/server applications by using secret-key cryptography.

cryptography
    A Python library which exposes cryptographic recipes and primitives.

Do you accept the license terms? [yes|no]
[no] >>> yes

Anaconda3 will now be installed into this location:
/home/dani/anaconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/home/dani/anaconda3] >>> 
```

۷. پس از نصب پکیج های مورد نظر باید Anaconda مسیر نصب Anaconda به سیستم گفته شود که با نوشتن کلمه yes این عمل انجام خواهد شد.

```
dani@ubuntu: ~/Desktop
installing: numba-0.38.0-py36h637b7d7_0 ...
installing: numexpr-2.6.5-py36h7bf3b9c_0 ...
installing: pandas-0.23.0-py36h637b7d7_0 ...
installing: pytest-arraydiff-0.2-py36_0 ...
installing: pytest-doctestplus-0.1.3-py36_0 ...
installing: pywavelets-0.5.2-py36he602eb0_0 ...
installing: scipy-1.1.0-py36hfc37229_0 ...
installing: bkcharts-0.2-py36h735825a_0 ...
installing: dask-0.17.5-py36_0 ...
installing: patsy-0.5.0-py36_0 ...
installing: pytables-3.4.3-py36h02b9ad4_2 ...
installing: pytest-astropy-0.3.0-py36_0 ...
installing: scikit-learn-0.19.1-py36h7aa7ec6_0 ...
installing: astropy-3.0.2-py36h3010b51_1 ...
installing: odo-0.5.1-py36h90ed295_0 ...
installing: scikit-image-0.13.1-py36h14c3975_1 ...
installing: statsmodels-0.9.0-py36h3010b51_0 ...
installing: blaze-0.11.3-py36h4e06776_0 ...
installing: seaborn-0.8.1-py36hfad7ec4_0 ...
installing: anaconda-5.2.0-py36_3 ...
installation finished.
Do you wish the installer to prepend the Anaconda3 install location
to PATH in your /home/dani/.bashrc ? [yes|no]
[no] >>>
```

۸. و در انتها از شما برای نصب Microsoft VSCode سوال پرسیده می شود که با نوشتن yes این نرم افزار نصب و با نوشتن no از نصب آن جلوگیری می شود (این مرحله اختیاری بوده و نیازی به نصب این نرم افزار نمی باشد)

```
dani@ubuntu: ~/Desktop
[no] >>> yes

Appending source /home/dani/anaconda3/bin/activate to /home/dani/.bashrc
A backup will be made to: /home/dani/.bashrc-anaconda3.bak

For this change to become active, you have to open a new terminal.

Thank you for installing Anaconda3!

=====

Anaconda is partnered with Microsoft! Microsoft VSCode is a streamlined
code editor with support for development operations like debugging, task
running and version control.

To install Visual Studio Code, you will need:
- Administrator Privileges
- Internet connectivity

Visual Studio Code License: https://code.visualstudio.com/license

Do you wish to proceed with the installation of Microsoft VSCode? [yes|no]
>>> 
```


۹. در این مرحله نصب با موفقیت انجام شده است

```
dani@ubuntu: ~/Desktop

Appending source /home/dani/anaconda3/bin/activate to /home/dani/.bashrc
A backup will be made to: /home/dani/.bashrc-anaconda3.bak

For this change to become active, you have to open a new terminal.

Thank you for installing Anaconda3!

=====

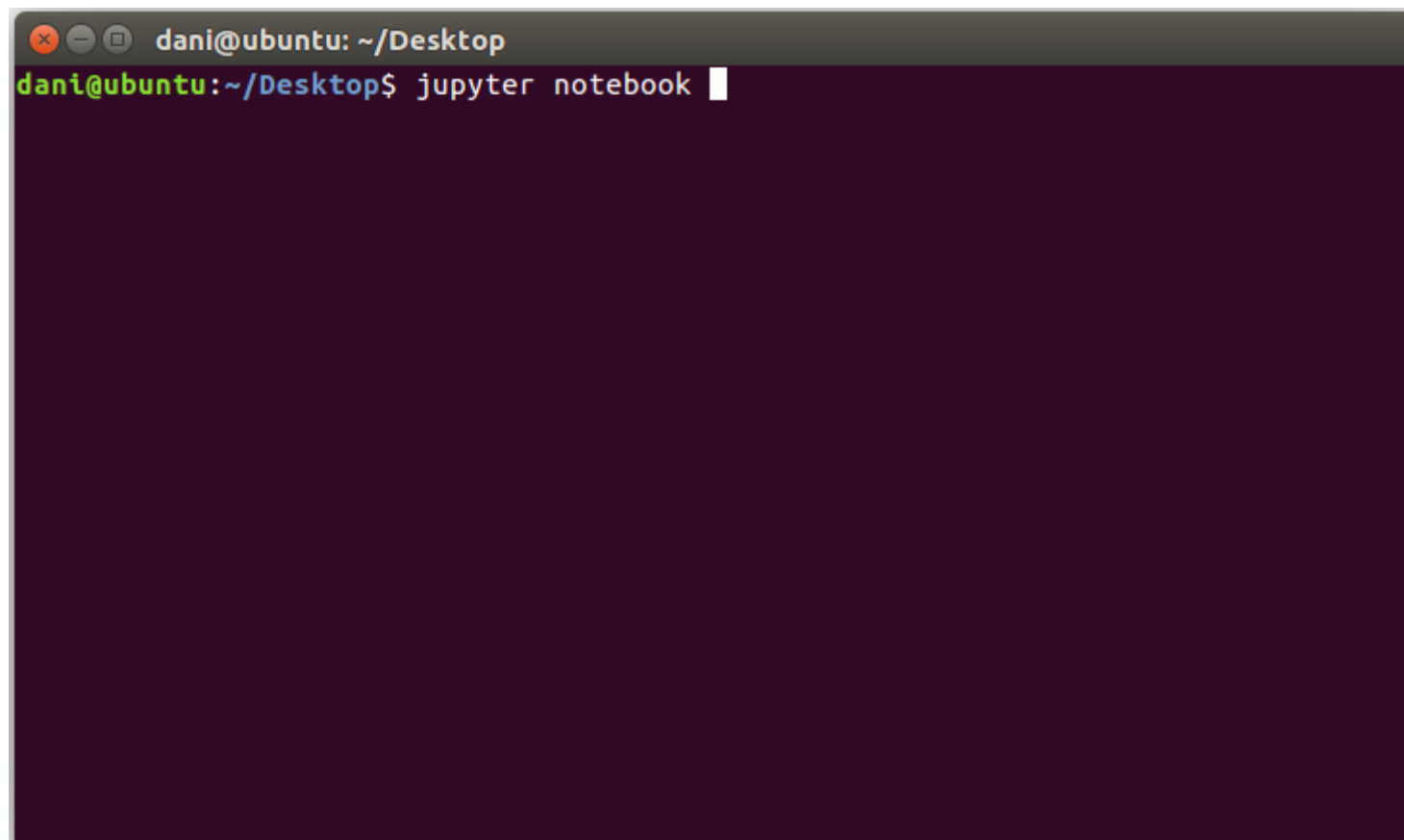
Anaconda is partnered with Microsoft! Microsoft VSCode is a streamlined
code editor with support for development operations like debugging, task
running and version control.

To install Visual Studio Code, you will need:
- Administrator Privileges
- Internet connectivity

Visual Studio Code License: https://code.visualstudio.com/license

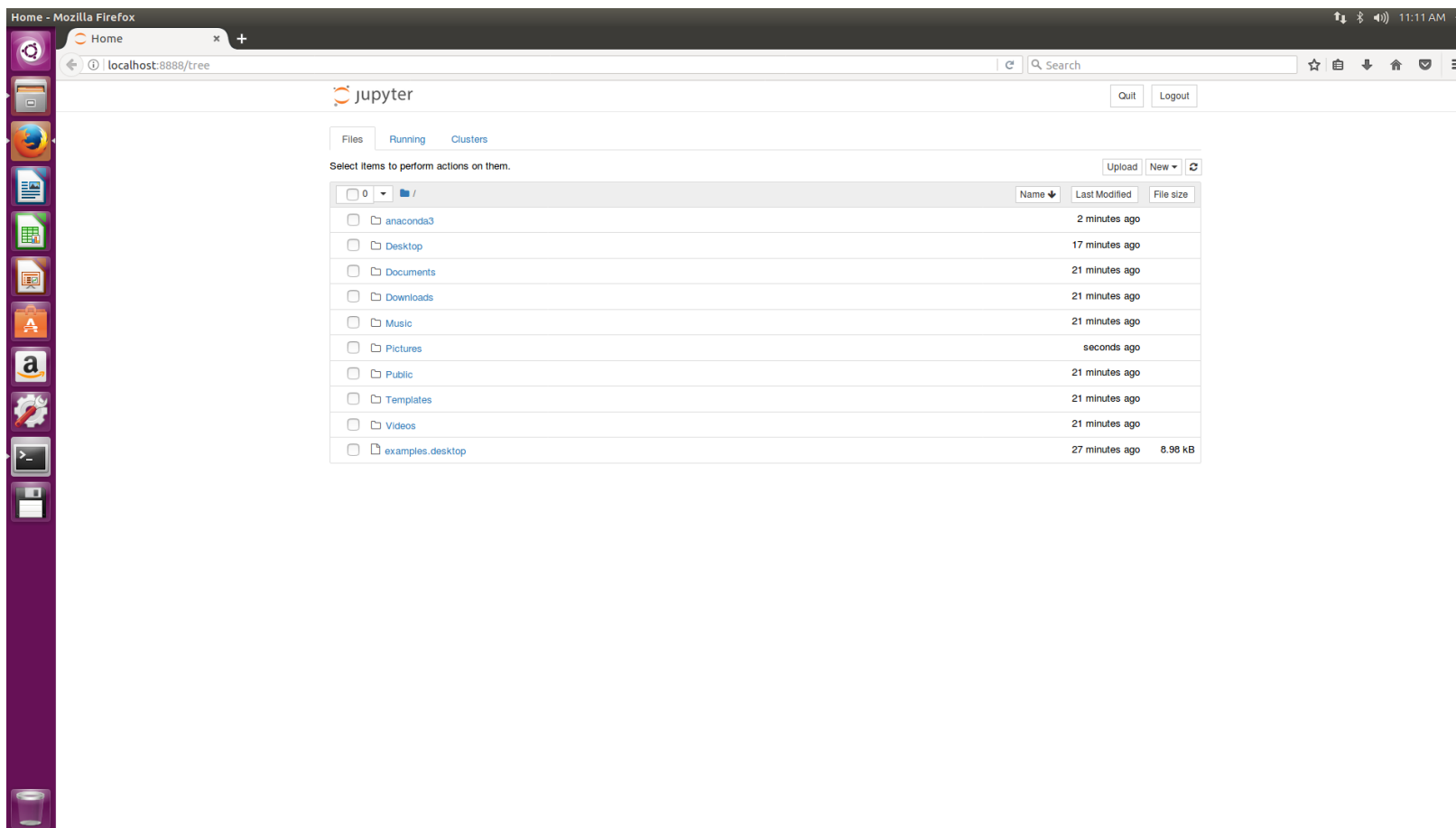
Do you wish to proceed with the installation of Microsoft VSCode? [yes|no]
>>> no
dani@ubuntu:~/Desktop$
```

۱۰. برای بالا آوردن jupyter notebook نیز ترمینال دیگری باز کنید و کلمه jupyter notebook را تایپ کنید و دکمه Enter را فشار دهید:

A terminal window with a dark purple background. The title bar at the top shows window control icons and the text 'dani@ubuntu: ~/Desktop'. The terminal content shows the prompt 'dani@ubuntu:~/Desktop\$' followed by the command 'jupyter notebook' and a white cursor at the end.

```
dani@ubuntu: ~/Desktop
dani@ubuntu:~/Desktop$ jupyter notebook
```

۱۱. پس از تایپ کلمه jupyter notebook باید چنین صفحه ای برای شما در مرورگر باز شود.



۱۲. در ادامه فایل Notebook ارسالی را به وسیله گزینه Upload (گوشه بالا سمت راست) به Jupyter Notebook اضافه کنید. بعد از اضافه کردن فایل مورد نظر، می‌توانید آن فایل را در لیست موجود در صفحه اصلی Jupyter Notebook مشاهده کنید. با ماوس بر روی آن کلیک کنید تا آن فایل باز شود.

