

Jupyter Notebooks combine code and text. The main advantage of using a Notebook is that the result of executing a chunk of code are displayed in the same document as the code itself. Chunks of code may be executed independently of another.

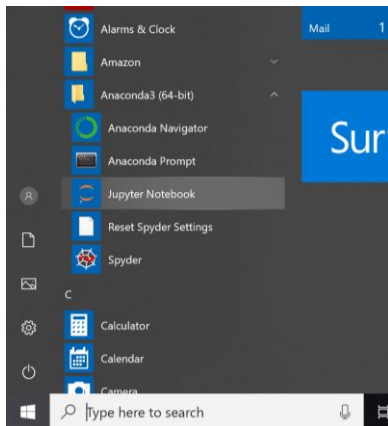
Python:

1. An easy way to start using a Jupyter notebook with Python is to install the Anaconda distribution:

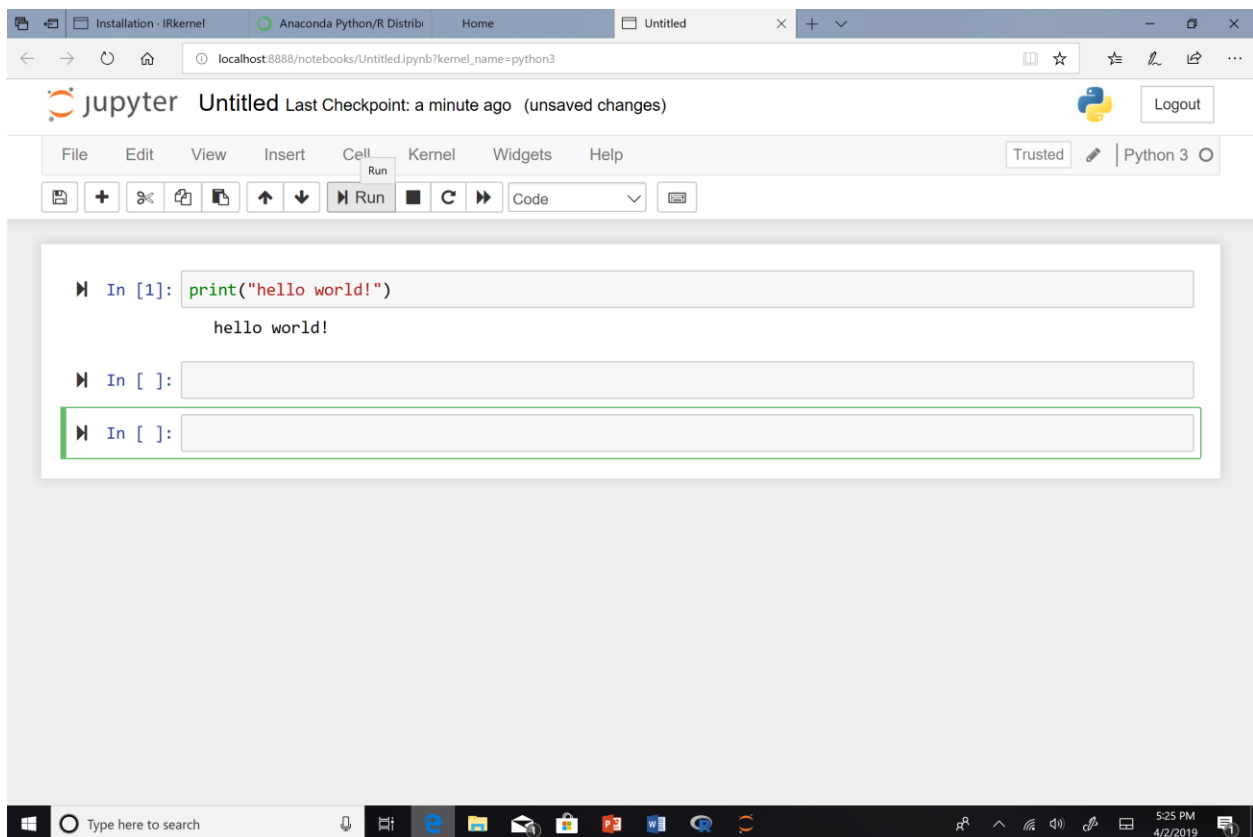
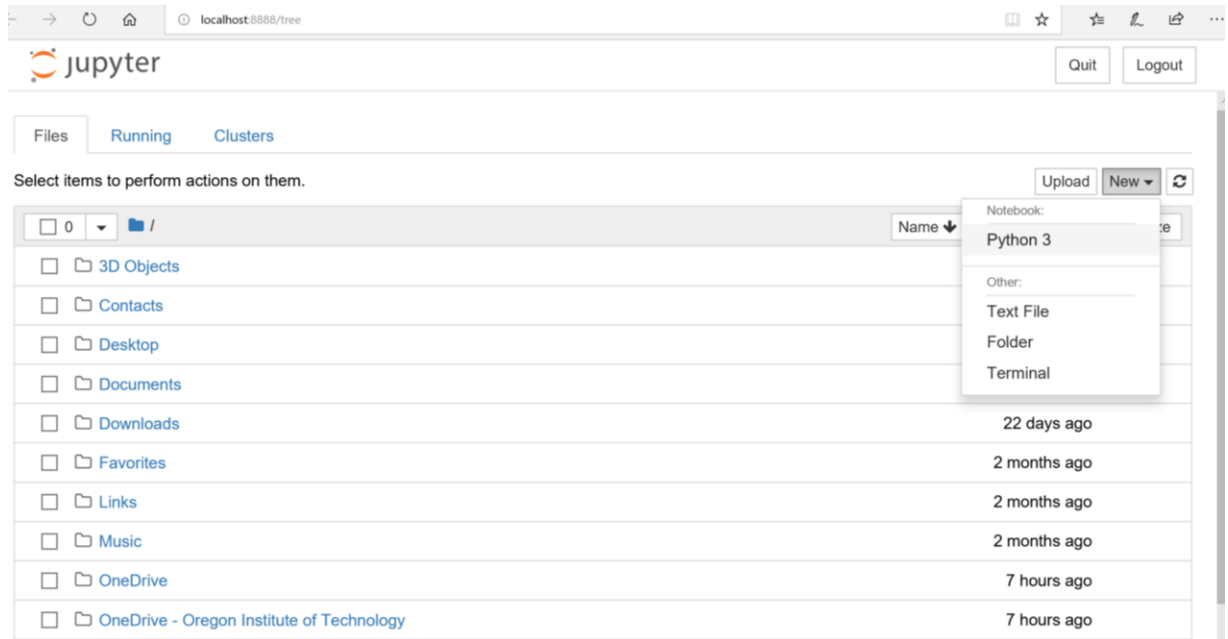
<https://www.anaconda.com/distribution/>

Please use the 3.7 version of Python.

2. Once installed, you can open a new notebook by clicking on “Jupyter Notebooks” under “Anaconda”. It may take several seconds to start and will launch in your web browser.



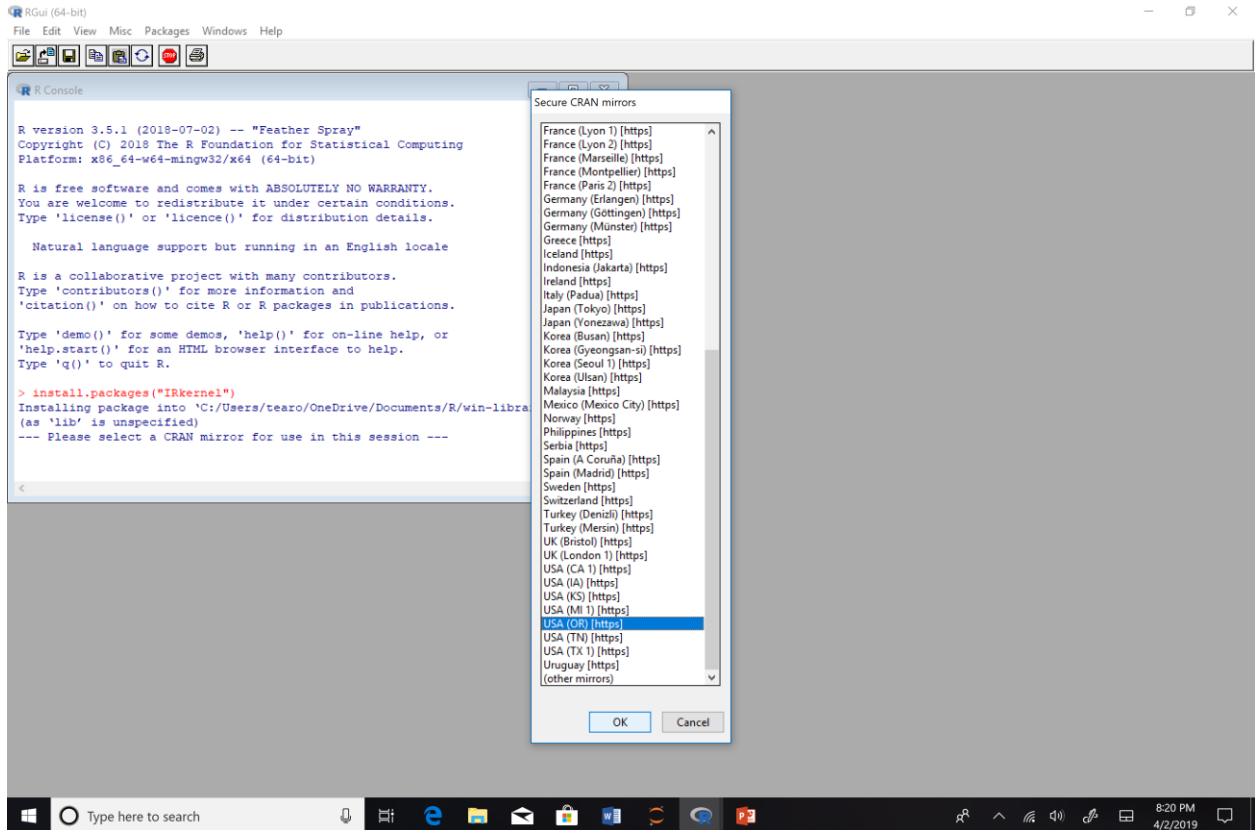
3. On the upper right corner of the file directory shown in your web browser, click “new” and then select “Python 3”.



R

1. Install Anaconda

2. Install R
3. Open R (either 32 or 64 bit is fine): type `install.packages("IRkernel")` at the prompt and hit enter. You will be asked to select a mirror to download from (any is fine)



4. Open Anaconda Prompt
 - a. Change the location to where R is:
cd C:\Program Files\R\R-3.5.1\bin

```
Rterm (64-bit)
(base) C:\Users\tearo>cd C:\Program Files\R\R-3.5.1\bin
(base) C:\Program Files\R\R-3.5.1\bin>R
R version 3.5.1 (2018-07-02) -- "Feather Spray"
Copyright (C) 2018 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> IRkernel::installspec()
[InstallKernelSpec] Installed kernelspec ir in C:\Users\tearo\AppData\Roaming\jupyter\kernels\ir
>
```

b. Run R:

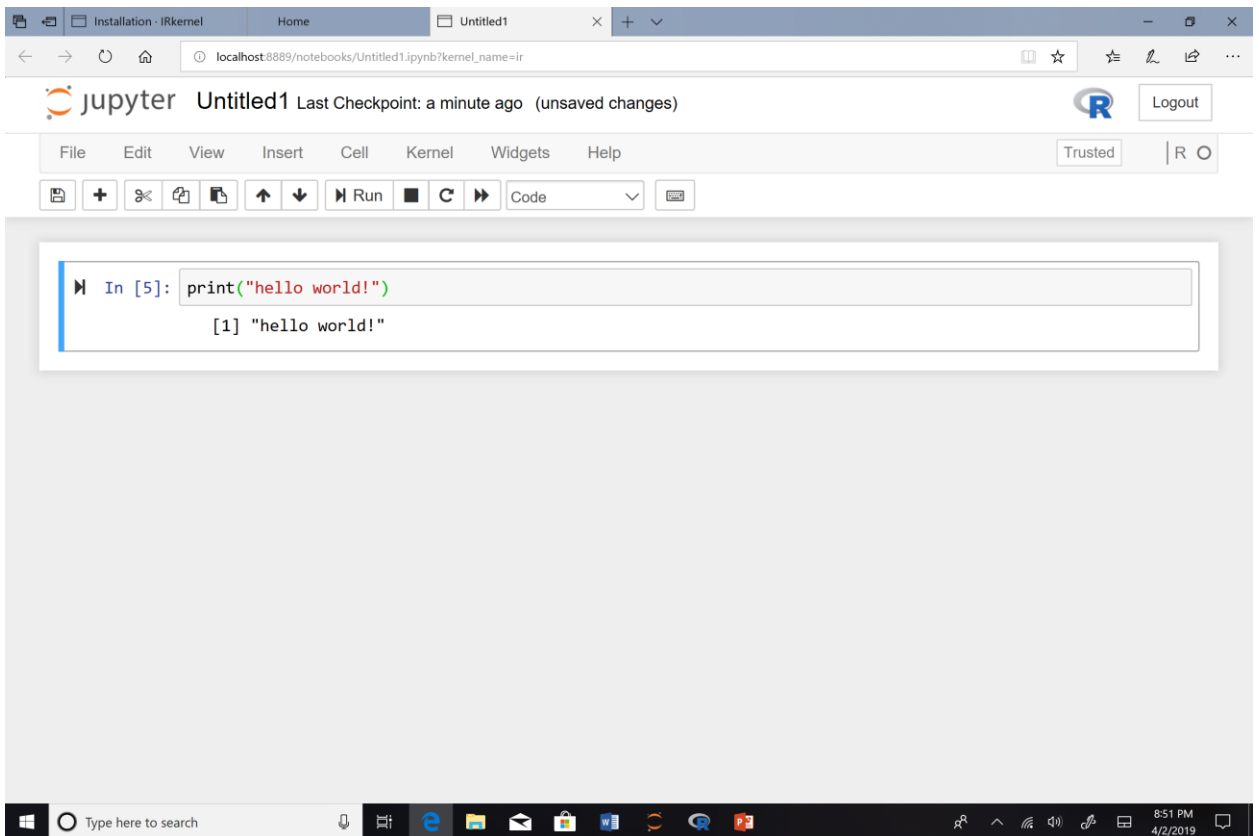
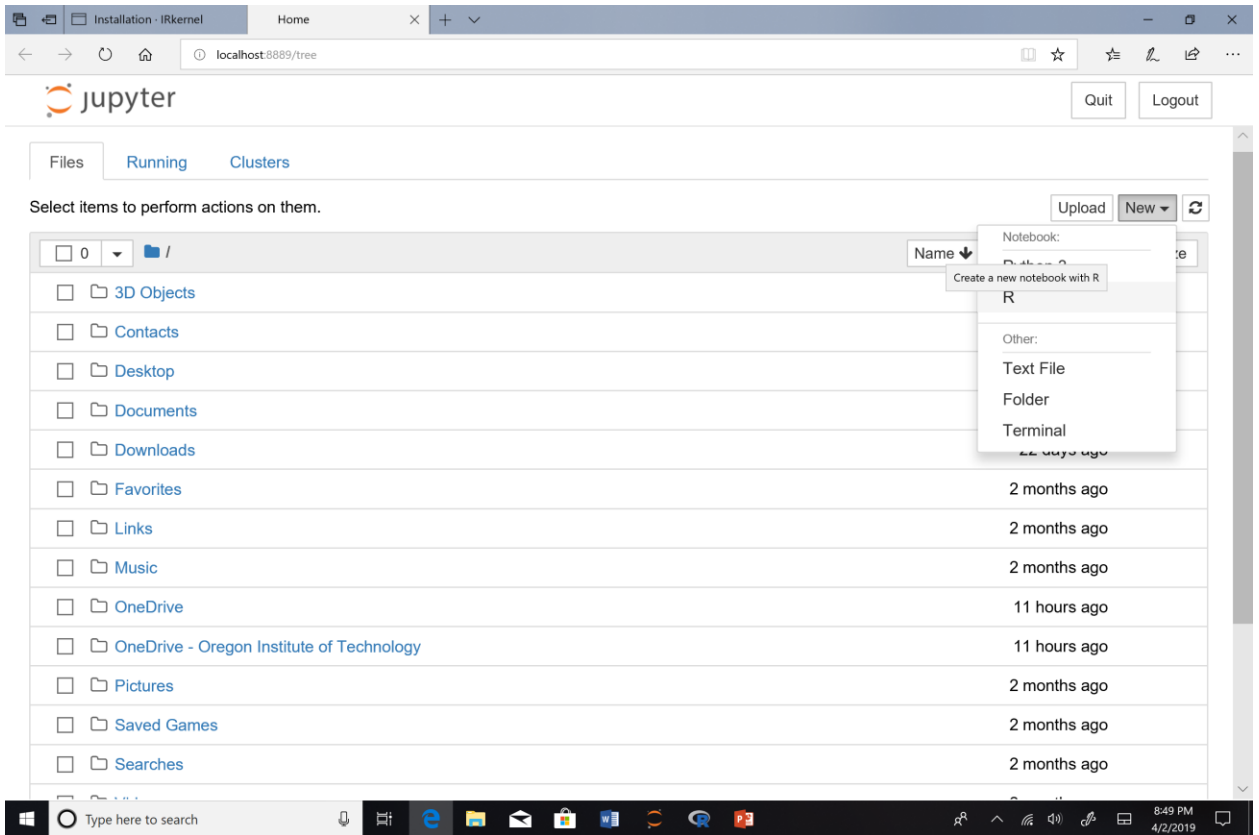
R

c. Connect R and Jupyter Notebooks:

IRkernel::installspec()

5. Now open Jupyter Notebooks,

6. In the upper right corner, click “new” and then “R”



7.