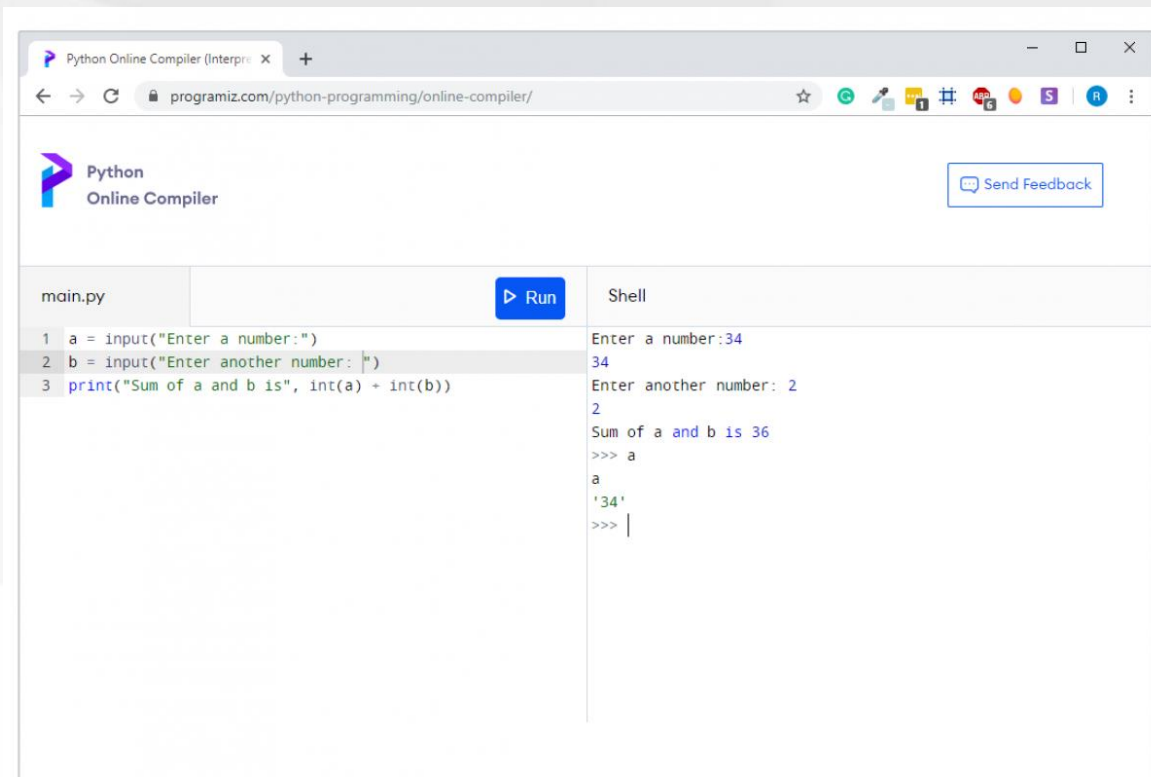


Python IDEs and Code Editors

1. Online Python Compiler

<https://www.programiz.com/python-programming/online-compiler>



The screenshot displays the Python Online Compiler interface in a web browser. The browser's address bar shows the URL `programiz.com/python-programming/online-compiler/`. The page header includes the "Python Online Compiler" logo and a "Send Feedback" button. The main area is divided into two panels: a code editor on the left and a shell on the right. The code editor shows a file named `main.py` with the following Python code:

```
1 a = input("Enter a number:")
2 b = input("Enter another number: ")
3 print("Sum of a and b is", int(a) + int(b))
```

A blue "Run" button is located above the code editor. The shell panel on the right shows the output of the program, including the prompts and user input:

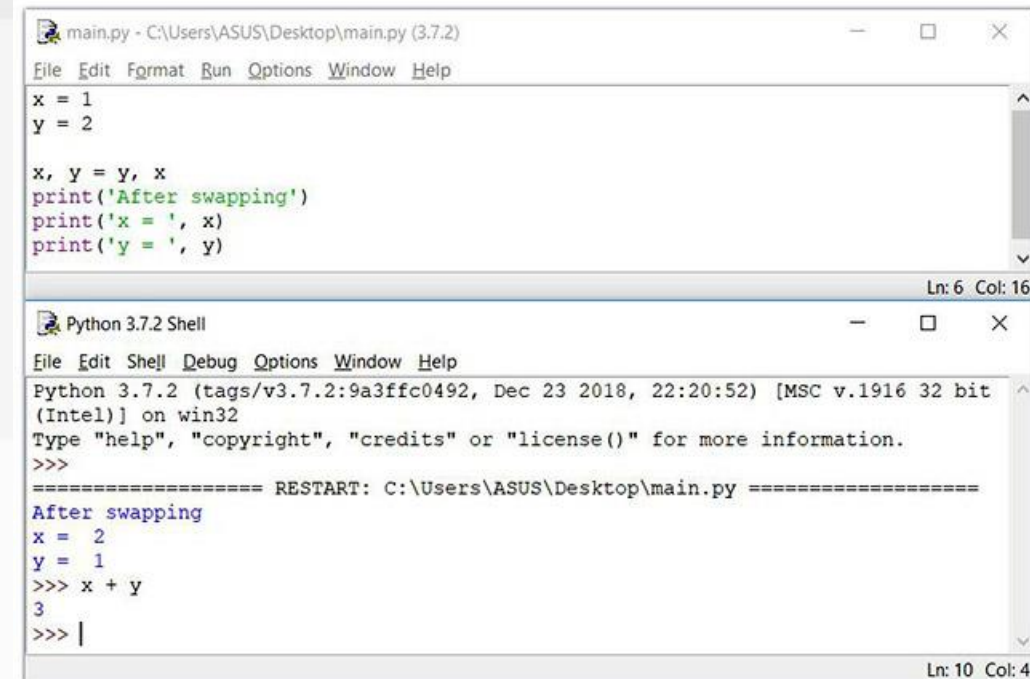
```
Enter a number:34
34
Enter another number: 2
2
Sum of a and b is 36
>>> a
a
'34'
>>> |
```

Python IDEs and Code Editors

2. Python IDLE

<https://www.python.org/downloads/>

You may install Python from official website, IDLE is also installed by default. IDLE is lightweight and simple to use. However, it's not optimal for larger projects.

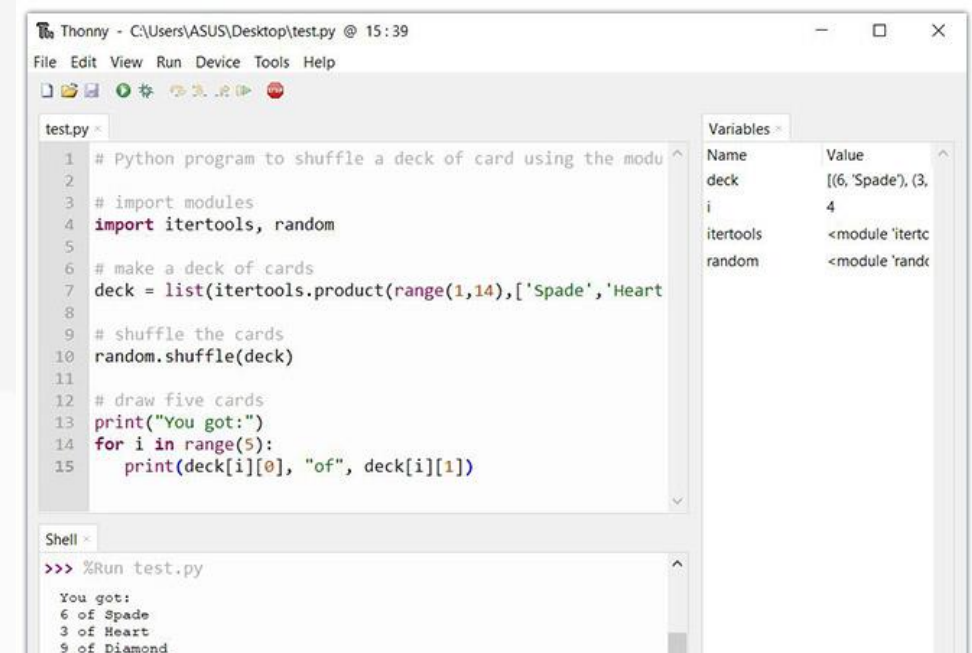


Python IDEs and Code Editors

3. Thonny IDE

<https://thonny.org/>

Thonny is a Python dedicated IDE that comes with Python 3 built-in. It is intended for beginners. The user interface is kept simple so that beginners will find it easy to get started.

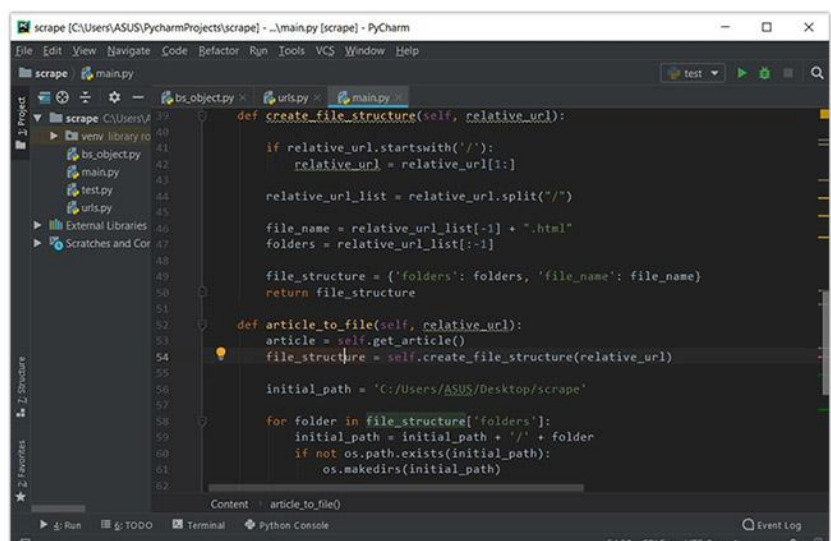


Python IDEs and Code Editors

4. PyCharm IDE

<https://www.jetbrains.com/pycharm/download>

PyCharm is an IDE for professional developers. It is created by JetBrains, a company known for creating great software development tools. It provides all major features that a good IDE should provide: code completion, code inspections, error-highlighting and fixes, debugging.



Python IDEs and Code Editors

5. Jupyter Notebook

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

Jupyter Notebook is an open source web application that you can use to create and share documents that contain live code, equations, visualizations, and text. Jupyter Notebook is not included with Python, but you can install Anaconda which includes python and the Jupyter Notebook.

