An integrated development environment (IDE) is software for building applications that combines common developer tools into a single graphical user interface (GUI).

It is a coding tool which allows you to write, test, and debug your code in an easier, as they typically offer code completion or code insight by highlighting, resource management, debugging tools. An integrated development environment (IDE) is an application used tocreate software. An IDE can often support different languages. IDEs have a number of different tools and functions that assist a developer in the creation of software.

Some of the IDE’s are:

PyCharm

PyDEv

Spyder

Thonny

Thonny

Thonny is an integrated development environment for Python that is designed for beginners. It supports different ways of stepping through the code, step-by-step expression evaluation, detailed visualization of the call stack and a mode for explaining the concepts of references and heap.It a good IDE for full-fledged Python development. Some of its features are syntax error highlighting, debugger, code completion, step through expression evaluation, etc.

Spyder

Spyder is an open-source cross-platform integrated development environment (IDE) for scientific programming in the Python language. **Spyder** is an open source cross-platform integrated development environment (IDE) for scientific programming in the Python language. Spyder integrates with a number of prominent packages in the scientific Python stack, includingNumPy,SpciPy, Matplotlib, pandas, IPython,SymPy and Cython, as well as other open-source software