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When using PyCharm to develop a simple program, several features enhance the coding experience and make it more efficient for programmers. For instance, PyCharm utilizes syntax highlighting and code coloring to visually distinguish different elements in your code. This feature makes it easier to read and understand your code, with keywords displayed in different colors, improving code readability and reducing the chance of introducing bugs due to syntax mistakes. This feature also helps quickly identify and correct syntax errors, enhancing overall code quality.

PyCharm's intelligent code autocompletion is another valuable feature that significantly speeds up the coding process. As you type, PyCharm suggests variable names, function names, and even the attributes or methods available for a given object. This feature reduces the likelihood of typographical errors, improves code consistency, and saves time that would otherwise be spent manually typing out long variable names or method calls.

Additionally, PyCharm provides real-time error checking and highlighting, which is particularly useful for identifying and fixing issues as you code. It immediately highlights errors, warnings, or inconsistencies in your code, such as undeclared variables, invalid syntax, or unresolved imports. By catching these issues early in the development process, PyCharm helps prevent runtime errors and enhances code quality, making it a valuable tool for programmers.