This package helps you write source code in your articles and make sure it looks nice. Install it from CTAN and then use like this (pay attention to \ff command and \ffcode environment):

\documentclass{article}
\usepackage[T1]{fontenc}
\usepackage{ffcode}
\begin{document}
The function \texttt{fibo()} is recursive:
\begin{ffcode}
int fibo(int n) {
  if (n < 2) {
    return n; |\label{ln:ret}|
  }
  return fibo(n - 1) + fibo(n - 2);
}
\end{ffcode}
The line no. \ref{ln:ret} terminates it.
\end{document}

You have to run \texttt{pdflatex} with \texttt{-shell-escape} flag in order to let \texttt{minted} (the package we use) to run Pygments and format the code. If you don't want this to happen, just use \texttt{nopygments} option.

A pair of vertical lines decorate a TeX command inside the snippet. If you want to print a single vertical line, use this: |\vert|.

If you want to omit the light gray frames around \ff texts, use the package option \texttt{noframes}. 

\textbf{ffcode: \LaTeX{} Package for Fixed-Font Code Blocks}

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The command \texttt{\textbackslash ff\{\ldots\}} behaves differently in math mode: it doesn’t add gray frames:

\[
x = \int_{\text{home}}^{N} f(x).
\] (1)

To omit the vertical gray bar at the left side of each snippet, use \texttt{nobars} option of the package.

To omit the line numbers, use \texttt{nonumbers} option of the package.

By default, the numbering is continuous: line numbers start at the first snippet and increment until the end of the document. If you want them to start from one at each snippet, use \texttt{nocn} (stands for “no continuous numbering”) option of the package.

You can highlight some lines in your \texttt{ffcode} environment, or can use any other additional configuration parameters from \texttt{minted} package:

\begin{verbatim}
\begin{ffcode*}{highlightlines={1,4-5}}
while (true) {
    print("Hello!")
    print("Enter your name:")
    scan(x)
    print("You name is " + x)
}
\end{ffcode*}
\end{verbatim}

Using this second argument of \texttt{ffcode*} (with the trailing asterisk), you can provide any other options from \texttt{minted} package to the snippet.

By the way, the package correctly formats low-height texts, for example, just a dot: .

More details about this package you can find in \texttt{yegor256/ffcode} GitHub repository.