

# mcode.sty Demo

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## NOTE

All that this package does, is configure the `listings` package for you. If anything is not working the way you want it, refer to the `listings` documentation first and a look at the `mcode.sty` file itself, which is well documented internally.

## Installation of the package

As with any other package, just place the `mcode.sty` file in the same folder as your document, or put it somewhere where  $\text{\LaTeX}$  can find it. That's all!

## Usage — 3 ways

- 1) This inline demo uses the `\mcode{}` command.
- 2) The following is a block using the `lstlisting` environment.

```
1
2  ≥
3  πx2
4
5  ¬
6
7
8
9
```

Note: Here, the package was loaded with the `framed`, `numbered`, `autolinebreaks` and `useliterate` options. **Please see the top of `mcode.sty` for a detailed explanation of these options.**

3) Finally, you can also directly include an external m-file from somewhere on your hard drive (the very code you use in MATLAB, if you want) using the `\lstinputlisting{/SOME/PATH/FILENAME.M}` command. If you only want to include certain lines from that file (for instance to skip a header), you can use `\lstinputlisting[firstline=6, lastline=15]{/SOME/PATH/FILENAME.M}`.

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