

Format and Control Codes for Formatted Output in MATLAB

For formatted output, or for output generated by combining variable values with literal text, use the fprintf command:

```
fprintf('format', x, y, ...)
```

Format is a string specifying how you want the value of the variables to be displayed, including literal text to be printed along with the values. The values in the variables are formatted based on format codes. Within the format string, the following format codes define how a numerical value is displayed.

%d	Integer Format
%e	Scientific Format with lowercase e
%E	Scientific Format with Uppercase E
%f	Decimal Format
%g	The more compact version of %e or %f
\n	Start a New Line
\t	Tab
\\	Print a Backslash