

`\ifcat` $\langle token_1 \rangle$ $\langle token_2 \rangle$

This command tests if $\langle token_1 \rangle$ and $\langle token_2 \rangle$ have the same category code. Before performing the test, T_EX expands tokens following the `\ifcat` until it obtains two tokens that can't be expanded further. These two tokens become $\langle token_1 \rangle$ and $\langle token_2 \rangle$. The expansion includes replacing a control sequence `\let` equal to a character token by that character token. A control sequence that can't be further expanded is considered to have category code 16.

Example:

```
\ifcat axtrue\else false\fi;
\ifcat ]}true\else false\fi;
\ifcat \hbox\day true\else false\fi;
\def\first{12345}
\ifcat (\first true\else false\fi
% ‘‘2345’’ lands in the true branch of the test
```

produces:

```
true; false; true; 2345true
```