

`\ifnum` $\langle number_1 \rangle$ $\langle relation \rangle$ $\langle number_2 \rangle$

This command tests if $\langle number_1 \rangle$ and $\langle number_2 \rangle$ satisfy $\langle relation \rangle$, which must be either ‘<’, ‘=’, or ‘>’. The numbers can be constants such as 127, count registers such as `\pageno` or `\count22`, or numerical parameters such as `\hbadness`. Before performing the test, T_EX expands tokens following the `\ifnum` until it obtains a sequence of tokens having the form $\langle number_1 \rangle$ $\langle relation \rangle$ $\langle number_2 \rangle$, followed by a token that can’t be part of $\langle number_2 \rangle$.

Example:

```
\count255 = 19 \ifnum \count255 > 12 true\else false\fi
```

produces:

```
true
```