C vs. Pascal. Syntax sweeterner instead of sugar

This battle is over long time ago and mostly it was a battle about the convinience to type the source code of the program.

**PROGRAM** test

**BEGIN**

**WRITELN** (“Hello, world!”)

**END**.

**Vs.**

#include …

**void** main () {

printf (“Hello, world!\n”);

}

Well-structured programming languages are not widely spread compared to “convinient-to-type” paradigm. At the same time a reasonable question can be asked – why do we need to select between clarity of the source code with longer words and cryptic style which is easier to type than to read but another person. The reasonable compromise can be suggested using the simple formular

C-kind style Pascal-kind style Concept

< [ Genericity

> ]

{ do Block of code

} end

[ {

] {

**unit** A

**init**

do

end // init] // We can optionally add precondition for init

**end** // unit