

ACORN**SOFT** LANGUAGES

S-Pascal

for the BBC Microcomputer Model B

```
10 program fibonacci (output);
20
30   var n,m : integer;
40
50   function fib(x:integer):integer;
60     begin
70       if x <= 1
80       then fib := 1
90       else fib := fib(x-2)+fib(x-1)
100      end;
110
120   begin
130     for m:=0 to 20 do
140       begin
150         n:=fib(m);
160         write('Fib(',m,') is ');
170         writeln(n)
180       end
190
200   end.
```

S-Pascal

for the BBC Microcomputer Model B

S-Pascal contains a subset of Pascal — one of the most popular programming languages available today.

Acornsoft S-Pascal supports integer, character and Boolean types, as well as multi-dimensional arrays. It is block structured and completely recursive.

This pack is aimed at the educational user who knows some BASIC, particularly as an introduction to structured programming languages. A comprehensive set of error messages aids teaching and debugging.

Since S-Pascal compiles directly to 6502 machine code it is also eminently suitable for writing small fast utilities. The library routines provided facilitate the use of graphics and allow operating system commands to be accessed from within an S-Pascal program.

This pack contains the S-Pascal compiler on cassette, several example programs and a comprehensive User Guide.

Also available

LISP
FORTH

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