

```
1| use v6.d;  
2|  
3| use File::Temp;  
4| use Semi::Literate;
```

Weave a semi-literate program into Text, Markdown, etc. format

```
5| sub MAIN($input-file,  
6|           Bool :l(:$line-numbers) = True;  
7|           Str :f(:$format) is copy = 'markdown';  
8|           Str :o(:$output-file);  
9|           Bool :v(:$verbose) = True;  
10| ) {  
11|   my Str $extension;  
12|   my Str @options;  
13|   my Bool $no-output-file = False;  
14|  
15|   note "Input Format => $format" if $verbose;  
16|   $format .= trim;  
17|   given $format {  
18|     when /:i ^ markdown | md $ / {  
19|       $format = 'MarkDown2';  
20|       $extension = 'md';  
21|     };  
22|     when /:i ^ [[plain][\|-|_]?]? t[e]?xt $ / {  
23|       $format = 'Text';  
24|       $extension = 'txt';  
25|     }  
26|     when /:i ^ [s]?htm[l]? $/ {  
27|       $format = 'HTML2';  
28|       $extension = 'html';  
29|     }  
30|  
31|     when /:i ^ pdf $ / {  
32|       $format = 'PDF';  
33|       $extension = '.pdf';  
34|       @options = "--save-as=$output-file" if $output-file;  
35|       $no-output-file = True;  
36|     }  
37|  
38|     when /:i ^ pdf[\|-|_]?lite $ / {  
39|       $format = 'PDF::Lite';  
40|       $extension = '.pdf';  
41|       @options = "--save-as=$output-file" if $output-file;  
42|       $no-output-file = True;  
43|     }  
44|  
45|     default {  
46|       $extension = $format;  
47|     }  
48|  
49|   }  
50|  
51|   note "Weave Format => $format" if $verbose;  
52|   my Str $f = "Pod::To::$format";  
53|   try require ::($f);  
54|   if ::($f) ~~ Failure {  
55|     die "$format is not a supported output format"  
56|   }  
57| }
```

```
58|     my Str $woven = weave($input-file, :$format, :$line-numbers);
59|
60|     my ($pod-file, $fh) = tempfile(suffix => '.p6');
61|
62|     $pod-file.IO.spurt: $woven;
63|
64|     my $output-file-handle = $output-file      ??
65|                             open(:w, $output-file) !!
66|                             $*OUT
67|                             unless $no-output-file;
68|
69|     run $*EXECUTABLE,
70|         "--doc=$format",
71|         $pod-file,
72|         @options,
73|         :out($output-file-handle);
74|
75| }
76|
77|
```