

```

1  #!/usr/bin/perl
2
3  use strict;
4  use warnings;
5
6  my $script = $0;
7  my $version = "1.0.0";
8
9  my $help = "
10  Usage: $script [options]
11
12  Options:
13    -h, --help            Display this help message
14    -v, --version          Display the version number
15    -f, --file FILE        Input file
16    -o, --output FILE      Output file
17    -d, --debug            Enable debug mode
18
19  Examples:
20    $script -f input.txt -o output.txt
21    $script -d -f input.txt
22
23  Copyright (c) 2023, Author Name
24  All rights reserved.
25  ";
26
27  my $debug = 0;
28  my $file = "";
29  my $output = "";
30
31  while (my $arg = shift @ARGV) {
32      if ($arg eq "-h" || $arg eq "--help") {
33          print $help;
34          exit 0;
35      }
36      if ($arg eq "-v" || $arg eq "--version") {
37          print $version;
38          exit 0;
39      }
40      if ($arg eq "-f" || $arg eq "--file") {
41          $file = shift @ARGV;
42      }
43      if ($arg eq "-o" || $arg eq "--output") {
44          $output = shift @ARGV;
45      }
46      if ($arg eq "-d" || $arg eq "--debug") {
47          $debug = 1;
48      }
49  }
50
51  if ($file eq "" || $output eq "") {
52      print "Error: Missing required options\n";
53      print $help;
54      exit 1;
55  }
56
57  # Main processing logic
58  # ...
59
60  # End of script
61  
```