Example 1. This example gives sample output of running `% a2p1 5 fmt.man 3500` where `nLine` $= 5$, the input file is generated using `man fmt | fmt -60 > fmt.man` (the manual page of the `fmt` program with at most 60 characters per line), and `delay` $= 3.5$ seconds.

Sample output (edited for clarity):

- The program displays 5 lines from the input file, enters a delay interval, prompts the user to enter a command (no command is entered), and the delay interval ends.

```
a2p1 starts: (nLine= 5, inFile='fmt.man', delay= 3500)
[0001]: 'FMT(1)                           User Commands'
[0002]: 'FMT(1)'
[0003]: ''
[0004]: 'NAME'
[0005]: '       fmt - simple optimal text formatter'

*** Entering a delay period of 3500 msec

User command:
*** Delay period ended
```

- In the second iteration, the program displays the next 5 lines, and then enters a delay period. The user enters a `date` command.

```
[0006]: ''
[0007]: 'SYNOPSIS'
[0008]: '       fmt [-WIDTH] [OPTION]... [FILE]...'
[0009]: ''
[0010]: 'DESCRIPTION'

*** Entering a delay period of 3500 msec

User command: date
Thu 09 Feb 2023 08:03:48 PM MST

User command:
*** Delay period ended
```

- In the third iteration, the user enters a `ls` command:

```
[0011]: '       Reformat  each  paragraph  in  the FILE(s),'
[0012]: '       writing to standard output.  The option -WIDTH is'
[0013]: '       an abbreviated form of --width=DIGITS.'
[0014]: ''
[0015]: '       With no FILE, or when FILE is -, read standard'

*** Entering a delay period of 3500 msec

User command: ls -l /etc/G*
```

```
total 12
-rw-r--r-- 1 root root 6489 Dec  8  2018 GNUstep.conf
-rw-r--r-- 1 root root  143 Apr 28  2020 gdomap_probes

*** Delay period ended
```

- In the next iteration, the user quits the program.

```
[0016]: '       input.'
[0017]: ''
[0018]: '       Mandatory arguments to long options are  mandatory'
[0019]: '       for  short  options too.'
[0020]: ''

*** Entering a delay period of 3500 msec

User command: quit
```

Note: Depending on when the user enters a command during the delay interval, and the length of the output of the command, the displayed lines from the execution of the user command, the input file, and the "`User command:`" prompt may appear interleaved.

Important: Don't forget to cleanup the running processes by using the command
`pkill -u $USER pattern`
where `pattern` can be a string that appears in the processes you would like to terminate, e.g., `pkill -u $USER clock`.
