```ruby
1  =begin
2  Ejercicio 3. Escribir un script "renombrar" que renombre un conjunto de ficheros,
   posibilitando
3  el cambio de la extensión del fichero, siendo la sintaxis la siguiente:
4  ./renombrar extensión-anterior nueva-extensión
5  El script deberá contemplar los posibles casos de error, como por ejemplo el paso de
   parámetros
6  correcto
7  =end
8
9  =begin
10 Usage: Lists the files from a directory that match with extension
11 Name of method: listFiles
12 Date of creation: 29/04/2021
13 Members: Roberto Jiménez y Alberto Pérez
14 Last modification: 29/04/2021
15 Parameters:
16     Entry:
17         - extension: extension to check
18     Out:
19         - List of files from path that matched the extension
20 =end
21 def listFiles extension
22     list = []
23     list = `ls *.#{extension} | nl`
24     return list.split("\n")
25 end
26
27 =begin
28 Usage: Renames a file with a new extension
29 Name of method: renameFile
30 Date of creation: 29/04/2021
31 Members: Roberto Jiménez y Alberto Pérez
32 Last modification: 29/04/2021
33 Parameters:
34     Entry:
35         - fileName: name of the file whose extension is going to be changed
36         - new_extension: new extension to the file
37     Out:
38         - String: Name of the file with the new extension
39 =end
40 def renameFile fileName, new_extension
41     auxName = fileName.split(".")
42     onlyName = auxName[0]
43     `mv #{fileName} #{onlyName}.#{new_extension} `
44     return "#{onlyName}.#{new_extension}"
45 end
46
47 =begin
48 Usage: Body of the program
49 Date of creation: 29/04/2021
50 Members: Roberto Jiménez y Alberto Pérez
51 Last modification: 29/04/2021
52 Parameters:
53     Entry:
54         - Argv: Parameter introduced by console when program is called
55     Out:
56         - None
57 =end
58 if ARGV.length == 2
```

```ruby
59      current_extension = ARGV[0]
60      new_extension = ARGV[1]
61
62      files = listFiles current_extension
63      puts "Files available for rename: "
64      puts files
65      puts "Select the number of the file to rename: "
66      fileToRename = (STDIN.gets.chomp.to_i - 1)
67
68      if (fileToRename >= 0) && (fileToRename < files.length)
69          auxFile = files[fileToRename].split(" ")
70          renamedFile = renameFile auxFile[1], new_extension
71          puts "#{auxFile[1]} renamed to: #{renamedFile}"
72      else
73          puts "Error, number of file invalid"
74      end
75 end
```