```
File Manipulation Language: FML

Data Types:
  - integer
  - boolean
  - directory
  - file
  - line
  - string
  - character

Operators:

  Append:
  |----------|          |----------|
  | Data Type |    +     | Data Type |
  |----------|          |----------|

  Remove:
  |----------|          |----------|
  | Data Type |    -     | Data Type |
  |----------|          |----------|

  Comparisson (Equal):
  |----------|          |----------|
  | Data Type |    =     | Data Type |
  |----------|          |----------|

  Comparisson (Not Equal):
  |----------|          |----------|
  | Data Type |    !=    | Data Type |
  |----------|          |----------|

  Comparisson by Reference:
  |----------|          |----------|
  | Data Type |    &     | Data Type |
  |----------|          |----------|
```

Example Program:

```
def main ()
  /* Setting up our Directory */
  directory home <- "~/home"

  /* Initializing two file variables to some files available within
the directory. */
  file file_1 <- "file_name_1.txt" in home
  file file_2 <- "file_name_2.txt" in home

  /* If contents of both files are equal. */
  if file_1 = file_2 then
    print "They are equals!"
  else
    /* Allocate a new file, and store the contents of file_1 that are
not in file_2 */
    file temp <- file_1 - file_2
  end

  string hello <- "Hello World!"
  integer index <- search hello ? file_1
  if index != -1
    print "String successfully found."
  else
    print "String not found."
  end

  file temp
  for home_file in home
    temp <- temp + home_file
  end
end
```