

Assignment 6 pseudocodes

1. CLASS FileCopy

BEGIN

METHOD main() THROWS FileNotFoundException

BEGIN

READ user input for the file name

PRINT "Enter the file name: "

String filename ← user input for file name

File f ← NEW File(filename)

WHILE(!f.exists())

PRINT "Do you want to abort the program or enter a new file name (Enter Y to abort and N to type a new file name)"

String c1 ← user input decision

IF(c1.equals("N")) THEN

PRINT "Enter the new file name: "

filename ← user input for the name of the file

f ← NEW File(filename)

ELSE

System.exit(0)

END IF

END WHILE

PRINT "Enter the file name to which you want to copy the contents of the existing file: "

String newFile ← user input for new file name

File f1 ← NEW File(newFile)

WHILE(f1.exists())

 PRINT “File already exists. Do you want to override
 (Enter Y to override): ”

 String c2 ← user input decision

 IF(c2.equals(“Y”)) THEN

 BREAK

 ELSE

 PRINT “Enter a file name”

 newFile ← user input for a file name

 f1 ← NEW File(newFile)

 END IF

END WHILE

String contents ← “ ”

Scanner file ← NEW Scanner(f)

WHILE(file.hasNextLine())

 contents ← contents + file.nextLine() + “\n”

END WHILE

PrintWriter pw ← NEW PrintWriter(f1)

 PRINT “The existing file is: ” + f + “ and the file to which
 the contents of the existing file are copied is: ” + f1”

 pw.print(contents)

 pw.flush()

 pw.close()

END main()

END CLASS