

General Instructions:

1. Follow the instructions and especially the naming standards.
2. Put only the **source files** in a folder named {YOURID}_{FIRSTNAME}_{LASTNAME}_AS3 and compress it. (Use .zip format)
3. **Note:** replace your info, like **123456_ALI_ALILI_AS3.zip** be careful with the order(id, first name, last name).
4. You will lose points for not following the naming standard.
5. Be as clear and neat as possible when you write codes. Use naming conventions and indentations properly.
6. **Neither plagiarism nor any type of cheating will be tolerated!**

Assignment 3

You have already learned how to traverse through the file system and print the information about the files and/or directories (in this case recursively for all the files and directories within the current one).

We also practiced together how to copy a given file.

Your task for this assignment is to combine those two together.

Given the path of a source file as well as the destination (destination directory might not exist. create it if needed), copy all the contents of the source file (or if it is a directory recursively print all the files and directories under it) to the destination.

Assume that the source and destination provided by the user is always different. You may even exit the program if they are the same, if it feels right.

Note: recursively delete the contents of the destination directory before the copying process is started. BE CAREFUL, when it is about deleting recursively, make sure you have the valid directory/file.

Please, download the [compressed file](#) and extract it. Save the directory “resources” in your workspace.

See the following examples:

java CopyFiles "resources/docs/personal/" "dest/"

Output:

```
>Started: resources\docs\personal...
    >Started: resources\docs\personal\doc1.txt...
    >Finished FILE: resources\docs\personal\doc1.txt
    >Total 1493 bytes were copied!
    >Started: resources\docs\personal\doc2.txt...
    >Finished FILE: resources\docs\personal\doc2.txt
    >Total 19894 bytes were copied!
    >Started: resources\docs\personal\Sened.docx...
    >Finished FILE: resources\docs\personal\Sened.docx
    >Total 15104 bytes were copied!
>Finished FOLDER: resources\docs\personal
```

java CopyFiles "resources/docs/books/russian" "dest/"

Output:

>Started: resources\docs\books\russian...

>Started: resources\docs\books\russian\Dostoevsky...

>Started: resources\docs\books\russian\Dostoevsky\The Gambler.txt...

>Finished FILE: resources\docs\books\russian\Dostoevsky\The Gambler.txt

>Total 364925 bytes were copied!

>Started: resources\docs\books\russian\Dostoevsky\THE POSSESSED (The Devils).txt...

>Finished FILE: resources\docs\books\russian\Dostoevsky\THE POSSESSED (The Devils).txt

>Total 1483181 bytes were copied!

>Finished FOLDER: resources\docs\books\russian\Dostoevsky

>Started: resources\docs\books\russian\Tolstoy...

>Started: resources\docs\books\russian\Tolstoy\MASTER AND MAN.txt...

>Finished FILE: resources\docs\books\russian\Tolstoy\MASTER AND MAN.txt

>Total 130043 bytes were copied!

>Finished FOLDER: resources\docs\books\russian\Tolstoy

>Finished FOLDER: resources\docs\books\russian

java CopyFiles “resources/” “dest/”

Output:

```
>Started: resources...
  >Started: resources\docs...
    >Started: resources\docs\books...
      >Started: resources\docs\books\american...
        >Started: resources\docs\books\american\London...
          >Started: resources\docs\books\american\London\BEFORE ADAM.txt...
          >Finished FILE: resources\docs\books\american\London\BEFORE ADAM.txt
          >Total 234251 bytes were copied!
          >Started: resources\docs\books\american\London\THE IRON HEEL.txt...
          >Finished FILE: resources\docs\books\american\London\THE IRON HEEL.txt
          >Total 539687 bytes were copied!
          >Started: resources\docs\books\american\London\The People of the Abyss.txt...
          >Finished FILE: resources\docs\books\american\London\The People of the Abyss.txt
          >Total 378340 bytes were copied!
        >Finished FOLDER: resources\docs\books\american\London
      >Finished FOLDER: resources\docs\books\american
    >Started: resources\docs\books\russian...
      >Started: resources\docs\books\russian\Dostoevsky...
        >Started: resources\docs\books\russian\Dostoevsky\The Gambler.txt...
        >Finished FILE: resources\docs\books\russian\Dostoevsky\The Gambler.txt
        >Total 364925 bytes were copied!
        >Started: resources\docs\books\russian\Dostoevsky\THE POSSESSED (The Devils).txt...
        >Finished FILE: resources\docs\books\russian\Dostoevsky\THE POSSESSED (The Devils).txt
        >Total 1483181 bytes were copied!
      >Finished FOLDER: resources\docs\books\russian\Dostoevsky
    >Started: resources\docs\books\russian\Tolstoy...
      >Started: resources\docs\books\russian\Tolstoy\MASTER AND MAN.txt...
      >Finished FILE: resources\docs\books\russian\Tolstoy\MASTER AND MAN.txt
      >Total 130043 bytes were copied!
    >Finished FOLDER: resources\docs\books\russian\Tolstoy
  >Finished FOLDER: resources\docs\books\russian
>Started: resources\docs\books\some citations.txt...
>Finished FILE: resources\docs\books\some citations.txt
>Total 435 bytes were copied!
>Finished FOLDER: resources\docs\books
```

>Started: resources\docs\personal...
 >Started: resources\docs\personal\doc1.txt...
 >Finished FILE: resources\docs\personal\doc1.txt
 >Total 1493 bytes were copied!
 >Started: resources\docs\personal\doc2.txt...
 >Finished FILE: resources\docs\personal\doc2.txt
 >Total 19894 bytes were copied!
 >Started: resources\docs\personal\Sened.docx...
 >Finished FILE: resources\docs\personal\Sened.docx
 >Total 15104 bytes were copied!
>Finished FOLDER: resources\docs\personal

>Finished FOLDER: resources\docs

>Started: resources\img...
 >Started: resources\img\ada1.jpg...
 >Finished FILE: resources\img\ada1.jpg
 >Total 11035 bytes were copied!
 >Started: resources\img\ada2.jpg...
 >Finished FILE: resources\img\ada2.jpg
 >Total 10871 bytes were copied!
 >Started: resources\img\download (1).jpg...
 >Finished FILE: resources\img\download (1).jpg
 >Total 6375 bytes were copied!
 >Started: resources\img\download.jpg...
 >Finished FILE: resources\img\download.jpg
 >Total 775996 bytes were copied!
>Finished FOLDER: resources\img

>Started: resources\music...
 >Started: resources\music\Mark Twain - Tom Sawyer - audio...
 >Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_01-02_twain_64kb.mp3...
 >Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_01-02_twain_64kb.mp3
 >Total 12789887 bytes were copied!
 >Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_03-04_twain_64kb.mp3...
 >Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_03-04_twain_64kb.mp3
 >Total 15826987 bytes were copied!
 >Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_05-06_twain_64kb.mp3...
 >Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_05-06_twain_64kb.mp3
 >Total 15295134 bytes were copied!
 >Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_07-08_twain_64kb.mp3...
 >Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_07-08_twain_64kb.mp3
 >Total 10246605 bytes were copied!
 >Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_09-10_twain_64kb.mp3...
 >Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_09-10_twain_64kb.mp3

>Total 11326402 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_11-12_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_11-12_twain_64kb.mp3

>Total 9131281 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_13-14-15_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_13-14-15_twain_64kb.mp3

>Total 16999362 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_16-17_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_16-17_twain_64kb.mp3

>Total 11971731 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_18-19-20_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_18-19-20_twain_64kb.mp3

>Total 13888074 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_21-22-23_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_21-22-23_twain_64kb.mp3

>Total 15180404 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_24-25_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_24-25_twain_64kb.mp3

>Total 7020169 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_26_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_26_twain_64kb.mp3

>Total 7270736 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_27-28_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_27-28_twain_64kb.mp3

>Total 5500469 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_29_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_29_twain_64kb.mp3

>Total 7096029 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_30_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_30_twain_64kb.mp3

>Total 8155764 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_31-32_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_31-32_twain_64kb.mp3

>Total 11152531 bytes were copied!

>Started: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_33-34-35_twain_64kb.mp3...

>Finished FILE: resources\music\Mark Twain - Tom Sawyer - audio\TSawyer_33-34-35_twain_64kb.mp3

>Total 16213808 bytes were copied!

>Finished FOLDER: resources\music\Mark Twain - Tom Sawyer - audio

>Finished FOLDER: resources\music

>Started: resources\video...

>Started: resources\video\Azerin seslendiriyor Çırpınırdı Karadeniz.mp4...

>Finished FILE: resources\video\Azerin seslendiriyor Çırpınırdı Karadeniz.mp4

>Total 101264402 bytes were copied!

>Started: resources\video\Birlik Üçün Oxu 2 Nazəndə sevgilim və Girdim yarın bağçasına Playing for Change Azerbaijan_v720P.mp4...

>Finished FILE: resources\video\Birlik Üçün Oxu 2 Nazəndə sevgilim və Girdim yarın bağçasına Playing for Change Azerbaijan_v720P.mp4

>Total 72737861 bytes were copied!

>Started: resources\video\Rashid Behbudov Sene de qalmaz_360p.mp4...

>Finished FILE: resources\video\Rashid Behbudov Sene de qalmaz_360p.mp4

>Total 17825141 bytes were copied!

>Finished FOLDER: resources\video

>Finished FOLDER: resources