Task 10

Directory
   System.getProperty("user.home") + "/CP1250dir"
contains text files (with extension **.txt**) located in this directory and its subdirectories. All these files are in CP1250 encoding. Traversing the directory tree recursively, the program reads all these text files and rewrites their content into one output file **UTF8res.txt** located in the directory of the project. Its encoding should be UTF-8.

The main program has the form:

download *SWalkTreeB.java*

```java
public class Main {
    public static void main(String[] args) {
        String dirName =
                System.getProperty("user.home") + "/CP1250dir";
        String resultFileName = "UTF8res.txt";
        Futil.processDir(dirName, resultFileName);
    }
}
```

Remarks: The **Main.java** file should not be modified; provide a definition of the **Futil** class.

Use methods of stream processing provided by tools from the **java.util.stream** package.

Deadline: Dec 28 (inclusive)