110-1 Assignment #1 (6%)

Requirements:
- Write a class named `ReadabilityScore` that reads the data from `docset110.txt` file as input and output the calculated results on the screen.
- Create a `data` folder to store your input file. The data folder is at the same level as your src folder.
- Automated Readability Index(ARI):
  GL = 0.37 (words/sentence) + 5.84 (characters/word) – 26.01
- Calculate the US grade level (1-12) of the whole document using ARI
- The output format is aligning left, showing leading-zero, no decimal, and the numeric part containing exactly 2 spaces.

  Output example:
  The Readability of the document is: GL11 \n

- Read input file example:

```java
import java.io.File;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.Scanner;

public class readFileExample {
    public static void main(String[] args) {
        String line;
        File file;
        Scanner sc = null;
        try {
            file = new File("data/hello.txt");
            sc = new Scanner(file);
            while(sc.hasNext()){
                line = sc.nextLine();
                System.out.println(line);
            }
            sc.close();
        } catch (FileNotFoundException e) {
            System.out.println("檔案路徑不存在");
        } catch (IOException e) {
            System.out.println("I/O錯誤");
        }
    }
}
```

Extra point
        Extra credit (extra 1%):
        Export the output to another file named `result110.txt`

Submission: Your Java project is named `yourStudentID_HW1`. Put all files in a folder and compressed it. Submit your assignment on eCourse2 under `HW1`. No other submissions will be graded and points will be deducted for late submission.

Academic dishonesty: You may not do work for another student nor may any student copy or plagiarize someone else's work. Severe penalties will be imposed on all parties involved.

Deadline: Tuesday, November 2, 2021. (end of the day)