

**York University**  
**Dept. of Computer Science and Engineering**  
**CSE2031 Software Tools**  
**Assignment 3**  
**Due Last Day of Classes**

Write an AWK program to do the following.

The program should merge two files together. The input is the two files; the output is displayed on the screen.

The first file, called **a1.txt** consists of many lines each line is an ID followed by a mark out of 10 for assignment 1. The mark is separated from the ID with one space.

The second file, called **a1R.txt** has the same format as the revised assignment.

The program should display the results on the screen in the same format as the two files.

The total mark is calculated as follows.

- If the students submitted a1 only but not a1R, the total mark is a1 mark.
- If the student submitted a1R only, but not a1, the total mark is 50% of the mark in a1R
- If the students submitted both, the total mark is a1 mark + 50% of a1R mark

The submitted file should be a3.awk

Running the program

```
awk -f a3.awk a1R.txt
```

That means the file a1.txt should be opened in your program. For testing purposes it should be opened as `../a1.txt` (one subdirectory up).