Problem 3

Elapsed Time in Seconds

Your job is to determine how many seconds have passed since midnight on January 1, 2004 until a given date and time.

The input file (DATA3) will contain five lines of data. Each line will contain a date and time in the form `DD/MM/YYYY HH:MM:SS`, where 1<=DD<=31, 1<=MM<=12, 2004<=YYYY<=2999, 0<=HH<=23, 0<=MM<=59, and 0<=SS<=59. DD, MM, HH, MM, and SS will always be two digits and YYYY will always be 4 digits. There is a single space between YYYY and HH. Assume that the given time and date is after midnight January 1, 2004.

The output file (OUT3) will contain five lines of data, corresponding to each line of the input file. Each line will contain the number of seconds from midnight January 1, 2004 until the given date and time from the input file.

Sample Input (Only three lines given)

```
01/01/2004 04:00:00
03/03/2004 14:00:00
23/12/2005 17:17:17
```

Sample Output

```
14400
5407200
62443037
```