

**DWITE Online Computer Programming Contest
January 2005**

Problem 1

DWITE Golf Tournament

The Last Annual DWITE Golf Tournament was held on February 29, 2003. Tournament participants were required to play 9 holes of golf and then submit their scores for each hole to the DWITE judge. The DWITE judge is still trying to determine the winners.

Your job is to assist the DWITE judge in determining the top five winners in the golf tournament. The top five winners will be the participants who scored the lowest five scores from the round of 9 holes of golf.

The first line of input file (**DATA11.txt** for the first submission and **DATA12.txt** for the second submission) will contain a positive integer n , $5 \leq n \leq 2000$, the number of participants in the tournament. Following the first line, there will be $10 * n$ lines. Every set of 10 lines will contain the participant's name and then their score for each hole.

The output file (**OUT11.txt** for the first submission and **OUT12.txt** for the second submission) will contain five lines of data. It will list the top five winners and their scores, their name and score separated by a single space. If two or more golfers have identical scores, list them in alphabetical order.

<u>Sample Input</u>				<u>Sample Output</u>
6	8	5	4	Fred 34
Jim	6	Sam	5	Jim 45
1	8	7	6	Mary 45
2	5	5	8	Mary 46
3	3	3	6	June 53
4	3	12	8	
5	June	1	Fred	
6	4	6	4	
7	3	7	6	
8	6	9	3	
9	8	3	3	
Mary	6	Mary	3	
2	8	3	3	
4	6	3	3	
6	7	3	4	
			5	
<i>(Continued in next column)</i>	<i>(Continued in next column)</i>	<i>(Continued in next column)</i>		