

## Computer Science – June, 3rd 2009

Some data about the goals scored by some football players in six matches are available. Each available row of data consists in: name of the player, surname of the player, goals scored in the first match, goals scored in the second match, ..., goals scored in the sixth match.

Using these data, produce an Excel worksheet (the most) similar to that attached to this paper.

Login to *moodle.units.it* and choose the Computer Science website. The assignment, with the available data and this document, can be found as last topic.

Notice that:

- Data must be copied in a text file and then imported into the worksheet.
- Table 1 contains the total number of goals, the average number of goals and the number of the match with the maximum number of goals scored by each player.
- Table 2 contains, for each match, the number of players scoring at least two goals.
- Inserting the surname of a player, where requested, displays the corresponding total number of goals, contained in Table 1. Use appropriate Excel functions.
- Each player receives a bonus (an incentive) for each goal scored during a match. The bonus, whose amount depends on the match, is given in Table 3. The total bonus earned by each player must be calculated in Table 4.
- You should use formulas or other Excel tools in a convenient way when their use is appropriate.
- Table 5 **MUST** be a pivot table. It refers to the first match and contains, for each quantity of goals scored, the number of players who scored exactly that quantity of goals.
- Name and surname must be inserted at the beginning of the worksheet.
- Your work will be evaluated on the basis of the way and the tools you use to produce the Excel file and to solve the related problems.

Please, remember:

- Save your file often, giving it a name with a clear reference to your name and surname (for instance: *myname\_mysurname.xlsx*).
- Using the Excel help is allowed.
- Using books or other sources of information is **NOT** allowed.
- Communicating, talking and copying is **NOT** allowed (**the network activity is monitored!**).

Violating the previous rules causes the exclusion from the exam. Everyone works on his own file under his own responsibility.

Maximum time: **60 MINUTES**.

When you accomplished the assignment, complete the topic in the course website uploading your excel file.

Results will be put up on the 4<sup>th</sup> floor of the faculty on June, 3<sup>rd</sup> (today) at 18.00 and the individual registration of the results will follow immediately.