Problem 1: A simple program



 Using the Borland C++ Builder Environment, write a program to compute and print out the factorial of 10 three times:

- · first using a for-loop
- then using a while-loop
- · finally using a do-while-loop



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Exercise A – A Simple Console Programme

Exercise A/3

Problem 2: Accessing Files & String Processing

(continue)

 You are required to write a console program to read this text file and print out on the console window the puzzle in the form shown here: --7-2----5-3--2--4-37--5-8 -7----2--4--3---8----5-1-6--29-3 --5--6-4----8-6--

 After that, print out the entire puzzle with solution in this form:

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Exercise A – A Simple Console Programme

Problem 2: Accessing Files & String Processing

• Download from the course web page:

http://www.ee.ic.ac.uk/pcheung/teaching/ee2 software engineering/

the text file sudoku001.txt which contains a sudoku game.

- The first line contains the level of difficulties (in this case, fiendish) and puzzle number (001).
- The remaining 9 lines contain the sudoku puzzle and solution.
- The puzzle is defined by all the numeric entries and the solution is given by the alphabets.
- In case of the solution, 'A' represents the numeric solution of '1', 'B' is '2' and so on.

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