CON101: INTRODUCTION TO COMPUTER SCIENCE AND ENGINEERING
Assignment 1
Cloud Computing

Due Date: 13th August 2015

Using Google App Engine create and deploy a cloud-based service with the following description:

Create a game for Sudoku puzzles (Team Size 1):
1. Take difficulty level from user.
2. Generate the puzzle.
3. Start a timer for the user to solve.
4. Upon finish, display the total time. If the user quits, show the correct answer.
Read more about Sudoku: https://en.wikipedia.org/wiki/Sudoku

OR

Create a one-player game for Scrabble/Crossword (Team Size 2):

1. Take user details.
2. Generate initial seven tiles for the user.
3. Display the 15*15 matrix board.
4. For each turn, show the current board with scores of user and computer.
5. Upon finish, display the total score.
Read more about Scrabble: https://en.wikipedia.org/wiki/Scrabble

Read more about Google App Engine: https://cloud.google.com/appengine/docs

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Hello,

Please take note of the following points. There are some modifications:

1. The deadline has been extended till: 17th August (Monday) 11.55am.

2. Keeping in view the extension, there are some changes in the problem statement as well:
-Build the sudoku generator (which generates random puzzles).
-Ask the user for level of difficulty, and show an appropriate puzzle.
-At the end, display the correct puzzle upon finish.

3. You will be required to use any cloud hosting service such as: Google App Engine/Heroku/Microsoft Azure to upload your project which can be accessed by a URL. This portion of the assignment now holds an equal weightage.

4. The submission has to be done in a zip/rar/tar file on moodle using your account.

5. NEXT CLASS: "Monday 05.00pm in Seminar Hall (Room 501), Bharti Building."