Semester Project

Problem Statement:
Apply what you have learned during *Computer* course to the following tasks:

1. Using Flowgorithm:
   Solve **Sheet 1** problem **I.5.28**
   Solve **Sheet 2** problems **I.5.22** and **I.5.54**
2. Using Logisim:
   Solve **Sheet 3** problems **I.1.1** and **I.1.2**
3. Using HDECC:
   Solve **Sheet 4** problem **I.1.54**
4. Using BMach:
   Solve **Sheet 5** problems **2.4**, **2.5**, **2.7**, and **2.9**
5. Using NetLogo (either online or offline):
   Solve **Sheet 6** problem **I.3.42**
6. Using HTML:
   Build your own CV (one simple page)

Deliverables:

ZIP archive organized as follows:

1. Create a folder for every task
2. Use the task number as the folder name
3. Put the following files inside it:
   a) Screenshots (Print Screen) of your work (one screenshot per problem)
   b) Saved files (`*.fprg, *.circ, *.asm, *.nlogo, etc.`)
4. Compress all the folders into a **single** zip archive
5. Name the archive as follows[1]:
   `SeatNumber_ArabicFullName.zip`
   For example:
   `0080_إسلام_عبد الغفار الشعراوي.zip`
   Another example:
   `0123_أحمد_عبد الله_حسين.zip`
   Do **not** use spaces and do **not** forget the leading zeros
6. Upload the archive using this link:
   https://goo.gl/REwQy4

Due Date:

~~Before the oral exam that will be held one or two weeks earlier than the final exam.~~
Friday 15/05/2015
Start working on the project immediately.

Grading:

The project is worth **15 marks** and it will be evaluated during the oral exam.

Good Luck
Dr. Islam ElShaarawy

1 Find your name, seat number, and valid archive name here: https://goo.gl/1gE9w7