${\it In \ The \ Name \ of \ God}$ Computer Engineering Department of Amirkabir University of Technology

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April 25, 2017

All of the codes are in the proteus and simulated in the protues. Note that all of the sections of the first question were merged into a single file. And all of the requirments are implemented inside a single file.

For the second section all of the codes of are put into the seperate directory. And they are also ran in protues. There is no seprate .asm file. All of the project is bundled inside the proteus project.