**BLG 460E SECURE PROGRAMMING**

HW3

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**18.04.2019**

**Q1)**

ELF file type is the mostly used file type in UNIX-like operating systems. It consists of ELF header, sections, program header table, and section header table parts. ELF header is the part that describes file structure. It indicates whether to use 32-bit or 64-bit addresses. Files that execute a program build a process image. Program header table tells the system how to create that process image. The section header table holds information regarding sections of file. For every section, table holds name of the section, size of the section etc. Sections contain all information about the file.

**Q2)**