# **OS Assignment – 1**

**Details:**

In this assignment we have implemented a SimpleLoader to load a 32-bit ELF executable file. This loader is implemented in plain C and compiled into a shared library (libsimpleloader.so). The loader is used by a helper program (launcher.c), which also performs various tasks. The Makefile contains all the gcc code to start implementing the separate Makefiles to compile the launcher, loader and the fib.

Simple loader is to load and manipulate a 32-bit ELF executable file (fib in this case).

Launchers purpose is to serve as the entry point and interact with libsimpleloader.so.

**Contribution:**

Tushar: Implemented Loader.c, Error Handling, Code Review and Refinement

Dhruv: Implemented Launcher.c and the Makefile, Documentation, Integration and Final Testing

**GIT Repo Link:** <https://github.com/US-ER-code/Simple-Loader.git>