

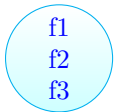
# OS\_Lab7\_Assignment

Basant Kumar Meena

14CS01007

## 1 Function Graph

- All the following things are in respect to XV6 OS.
- After the power button press **BIOS** loads **bootasm.S** and **bootmain.c** from boot sector(size 512 bytes) in the disk.
- **bootmain.c** calls **entry.S** which then calls **main.c**.
- following **function graph** start from **bootasm.S**.
- Graph only denotes the execution order of functions starting from **start:** in **bootasm.S**.



- Each node contains three items, first one (**f1**) is the function name which gonna call, second one (**f2**) is the function name from which we are calling first function (**f1**) and third one (**f3**) is the file name which contain the first function (**f1**).
- The label on the edges between two nodes denotes the arguments for the calling function in the second node.

