



CSC 348
Computer Hardware and Maintenance

Lab Report on
BIOS and CMOS

Serial
12

Submitted to

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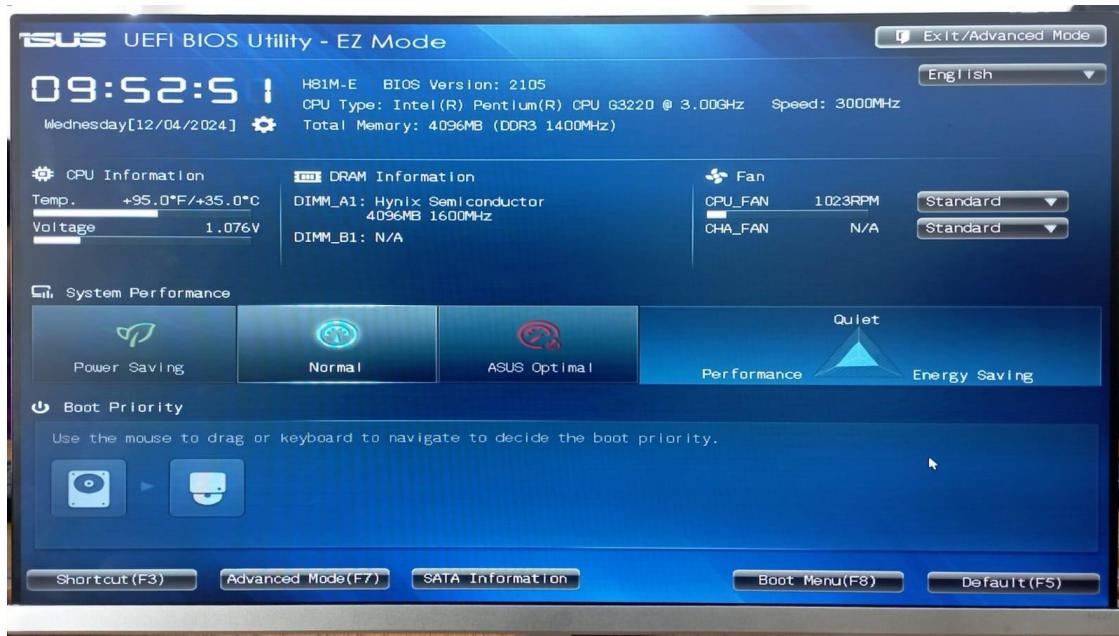
Submitted by

Tonmoy Sarker
ID:22203004
Program: BCSE
Section: F

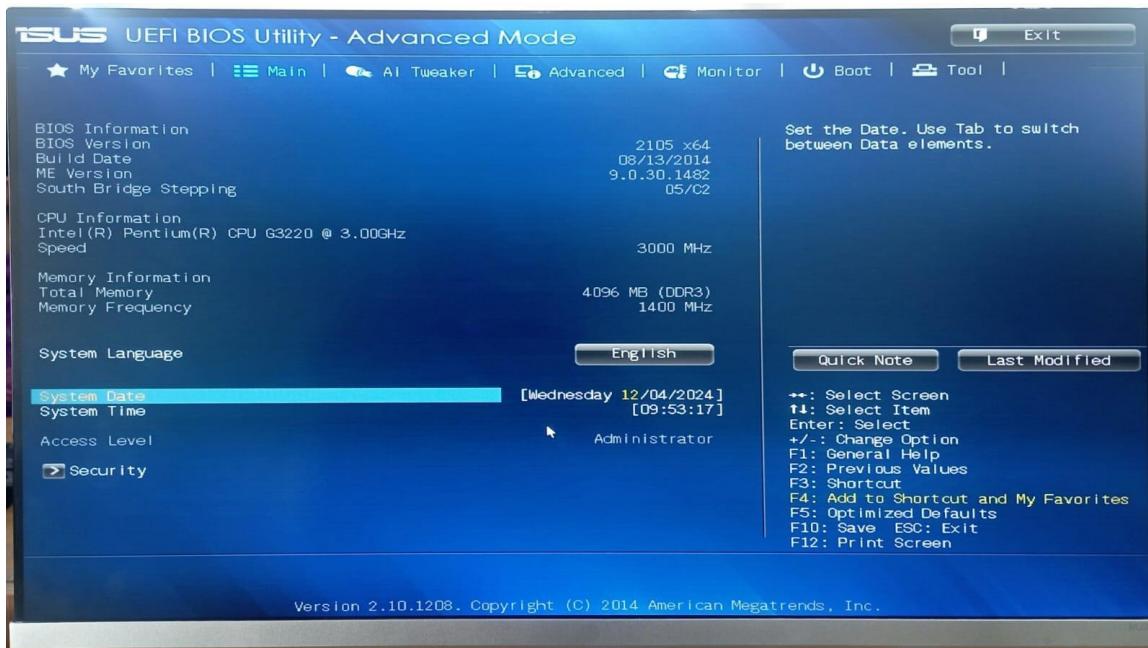
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BIOS (Basic Input/Output System) is a firmware that's embedded in a computer's motherboard and is responsible for booting up the system. The bios differs from computer to computer as it is build focusing the configuration of the motherboard. BIOS establishes the communication between software and hardware of the computer system. In BIOS setting we can modify the behavior of BIOS along with the operating system and storage devices.

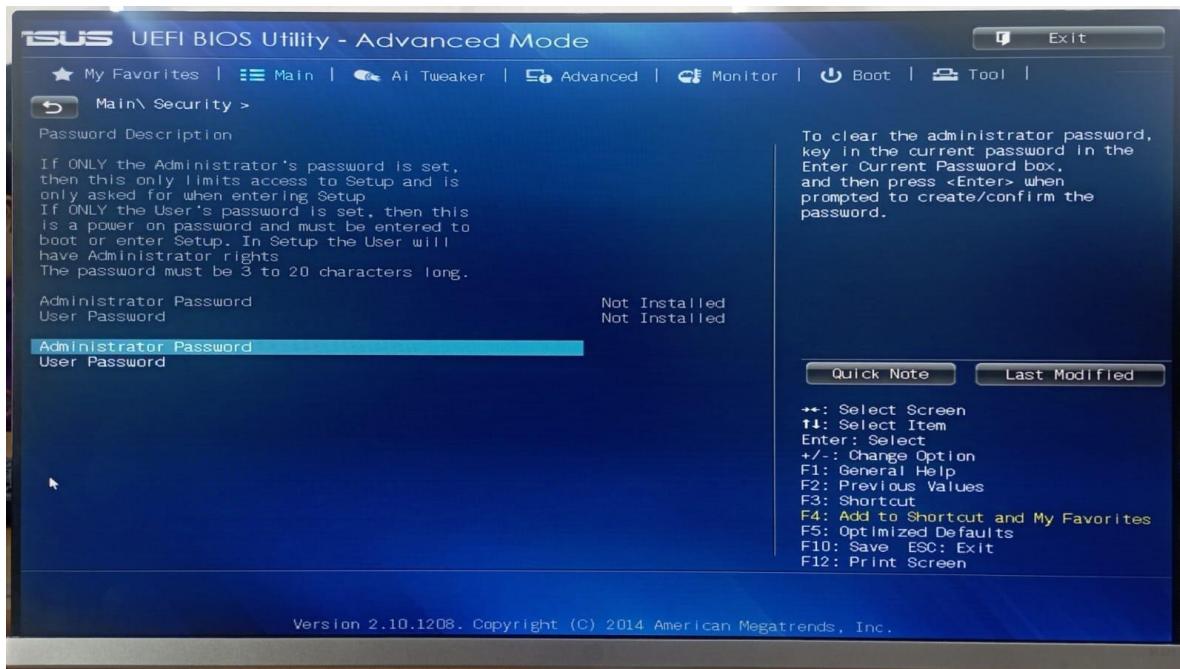
Some of the BIOS Interface of the LAB's computer is attached below:



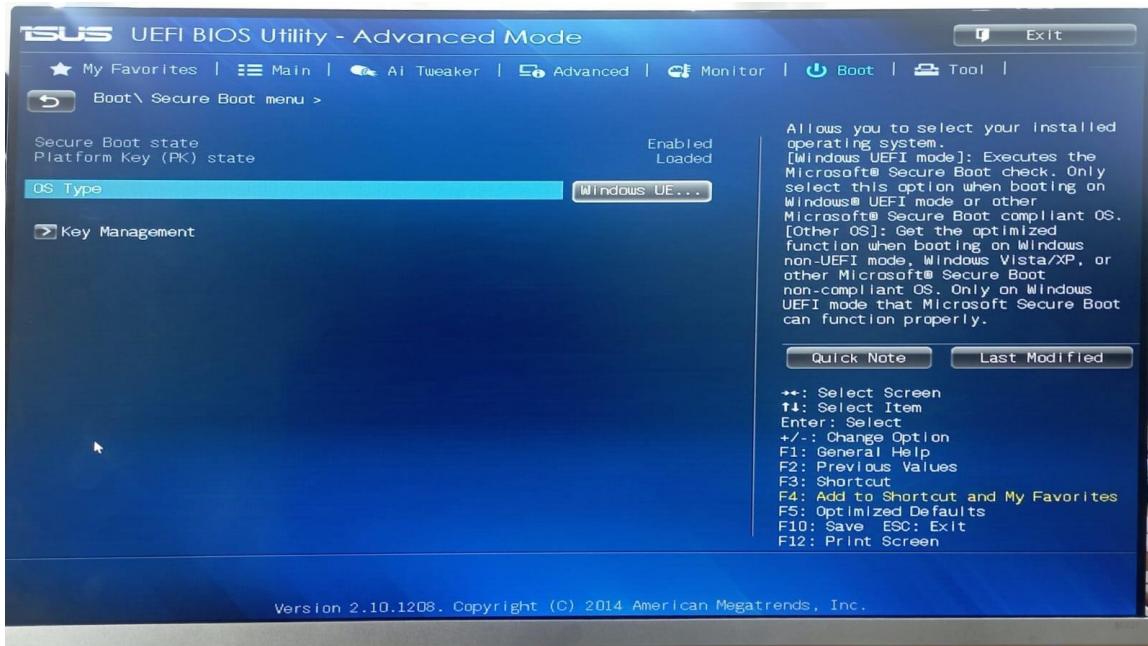
Basic Interface of BIOS



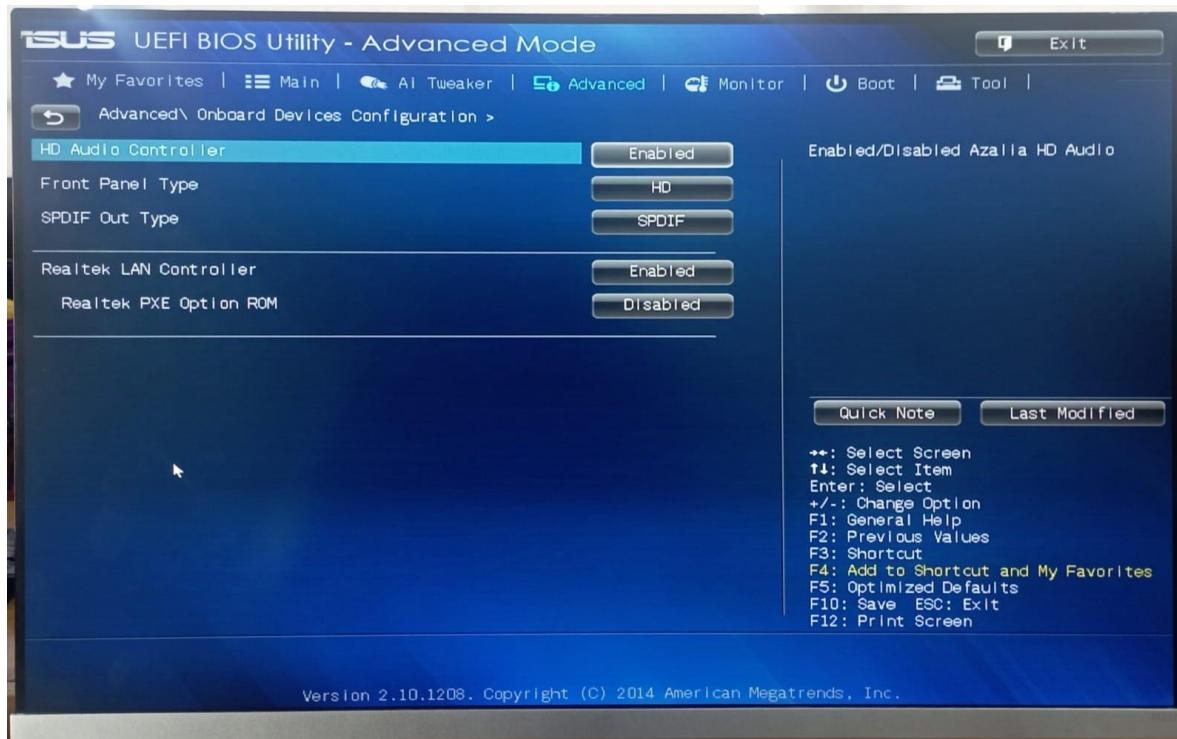
BIOS Main Menu



Security Setting of BIOS

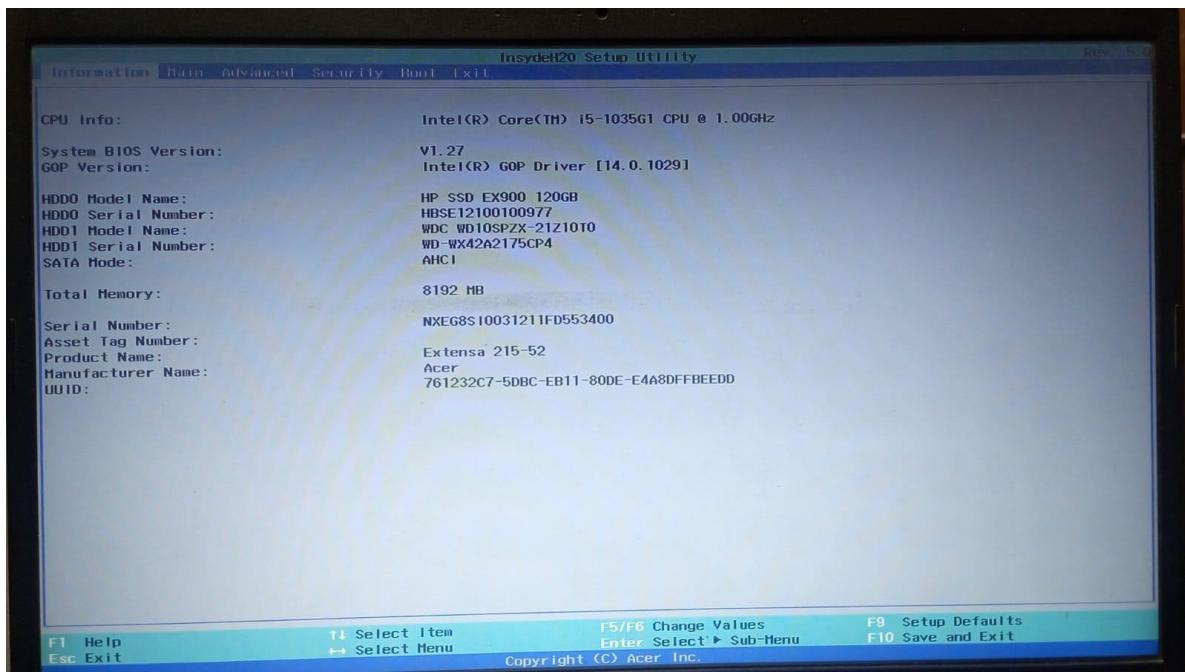


BIOS Boot Menu

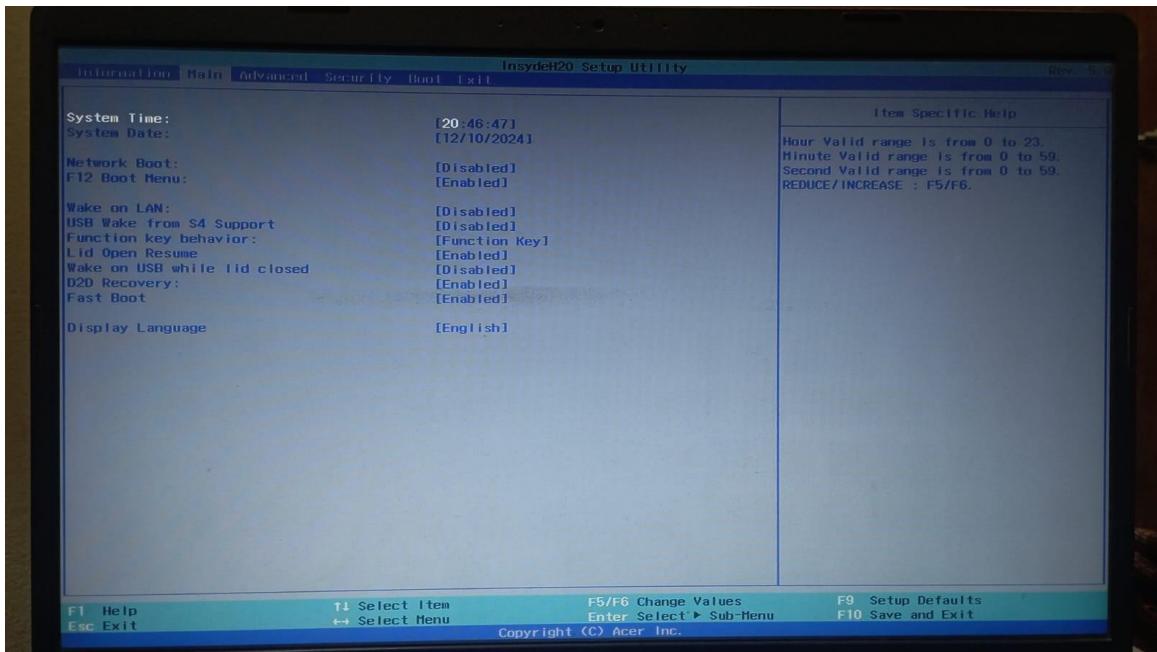


BIOS: Device Configuration

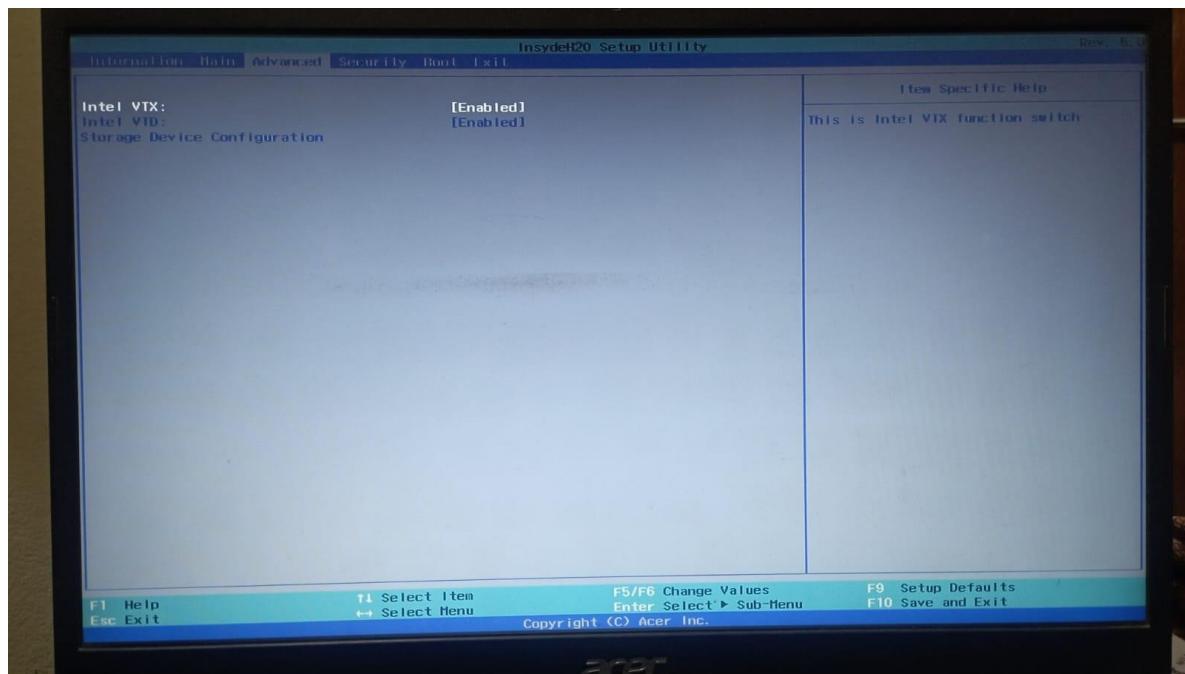
The following snaps are the Interfaces of BIOS of my personal computer:



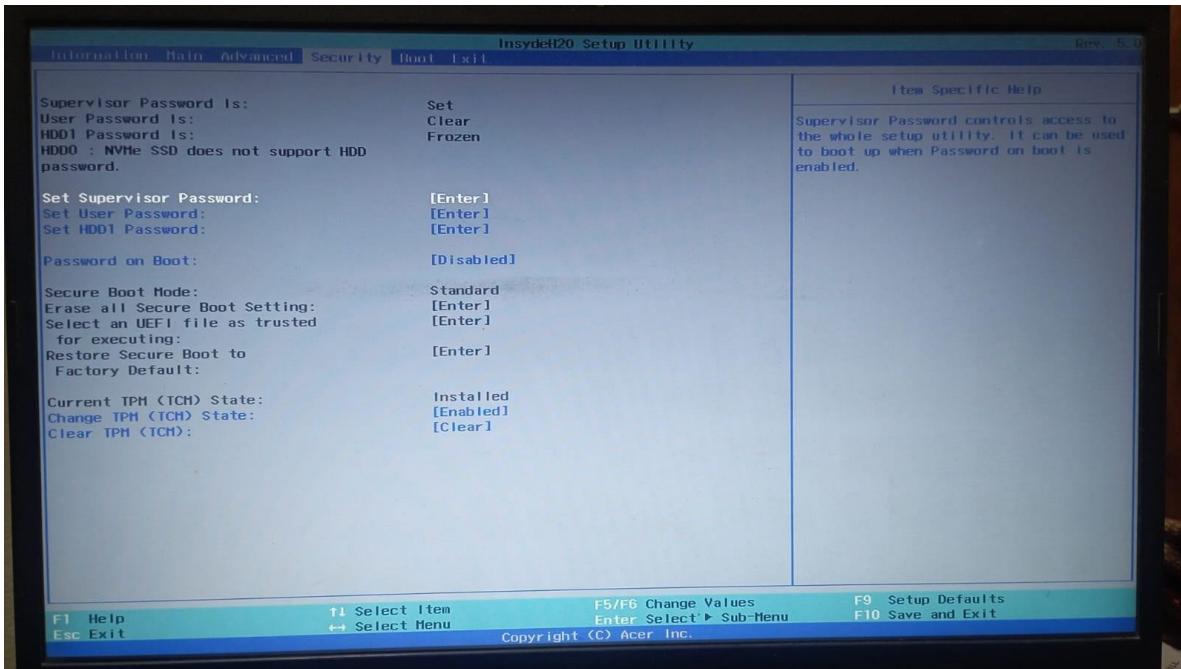
BIOS Information



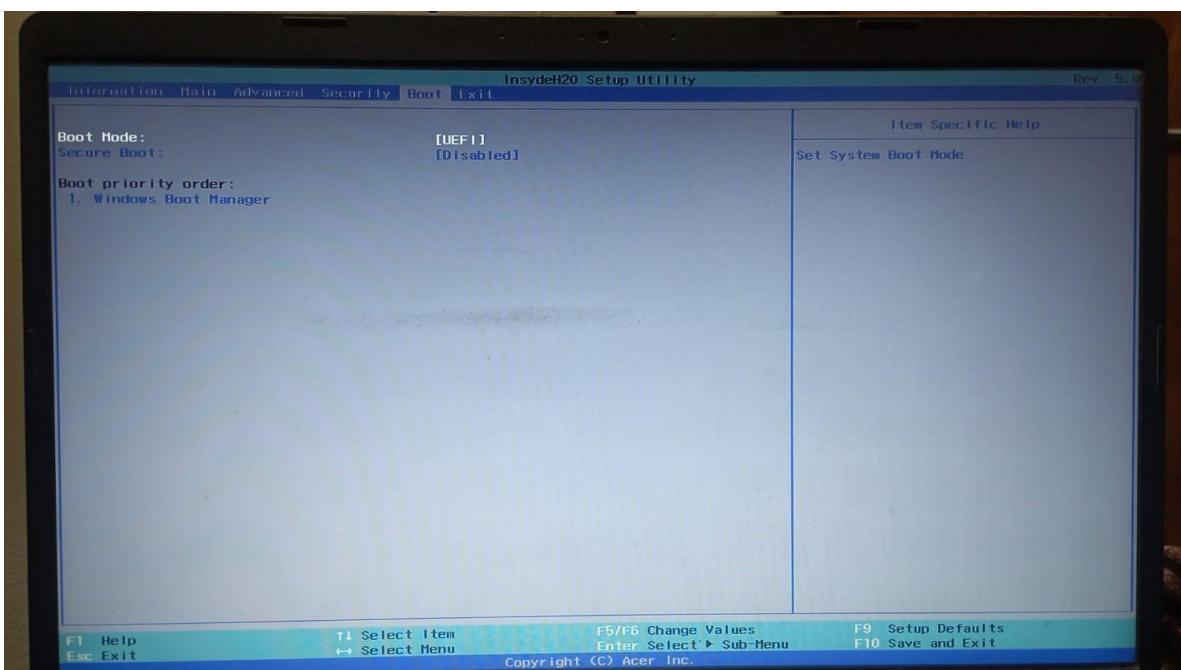
BIOS Main Menu



Advanced BIOS Setting



BIOS Security



BIOS: Boot Menu

Depending on the manufacturer and configurations of motherboards the BIOS setting, options and interfaces differs.