

Q1. What is BIOS in a computer? What are the functions of BIOS?

BIOS

BIOS stands for Basic Input Output System. BIOS is the first program that loads on computer and make initialization of hardware. BIOS allows you to access and setup your computer at the most basic level and it provide runtime services for operating system and programs The BIOS firmware comes pre-installed on a personal computer system board.

Functions of BIOS

There are four main functions of BIOS are given as follows:

- POST
- Booting
- BIOS drivers
- BIOS setup

POST

POST stands for power on self-test. The POST function make sure that the computer hardware (RAM, Disc drives e.t.c) is functioning properly and there is no issue with the hardware. This is done by Power on self-test (POST). If the POST test fails computer generates different types of beeps to indicate different types of error. If the POST test is passed then the booting starts.