**ASSIGNMENT 4**

1. **Write a character device driver and explain in detail with the sample code ? (5 marks)**
2. **Write a character device driver with file operations and communicate with the character driver and user application and explain in detail withs sample code? (5 Marks)**
3. **Explain the Stages of Kernel Compilation and Explain the Differences between the different components between the Raspberry Pi compilation and Beagle Bone Black Kernel Compilation**

**Note: Reference Compilation steps (10 Marks)**

[**https://forum.digikey.com/t/debian-getting-started-with-the-beaglebone-black/12967**](https://forum.digikey.com/t/debian-getting-started-with-the-beaglebone-black/12967)