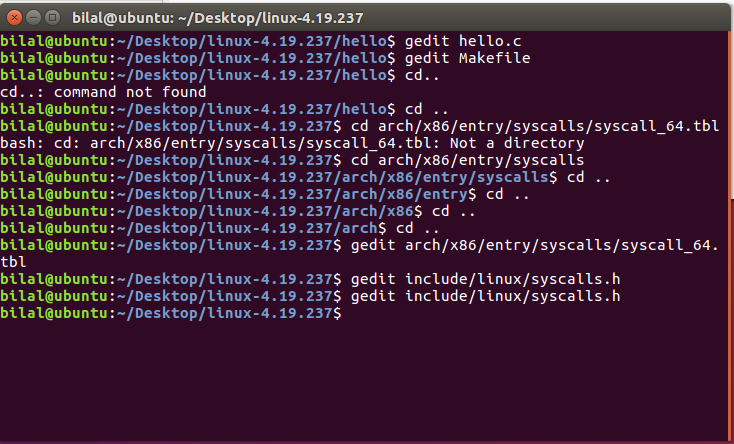
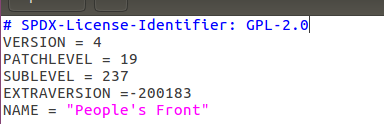
Writing the system call code in a file and creating a Makefile for the system call:

****

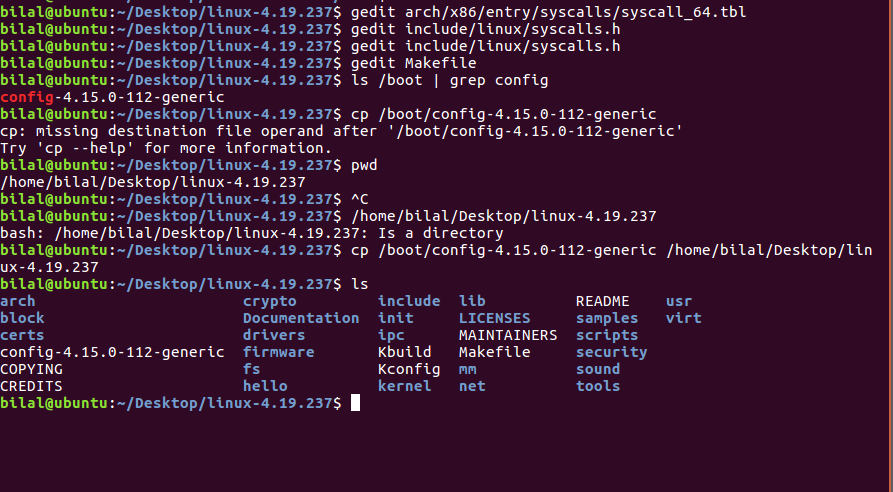
1. **Adding my Roll number in place of the kernel version**

****

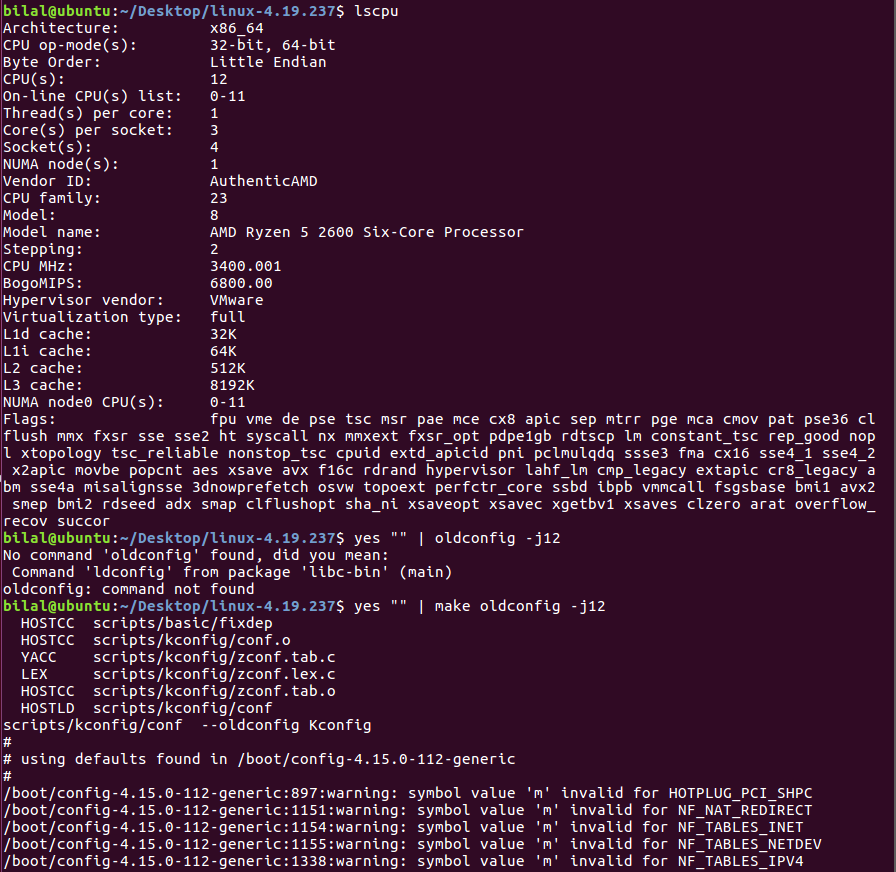
1. **Adding hello folder in the kernel’s MakeFile**

****

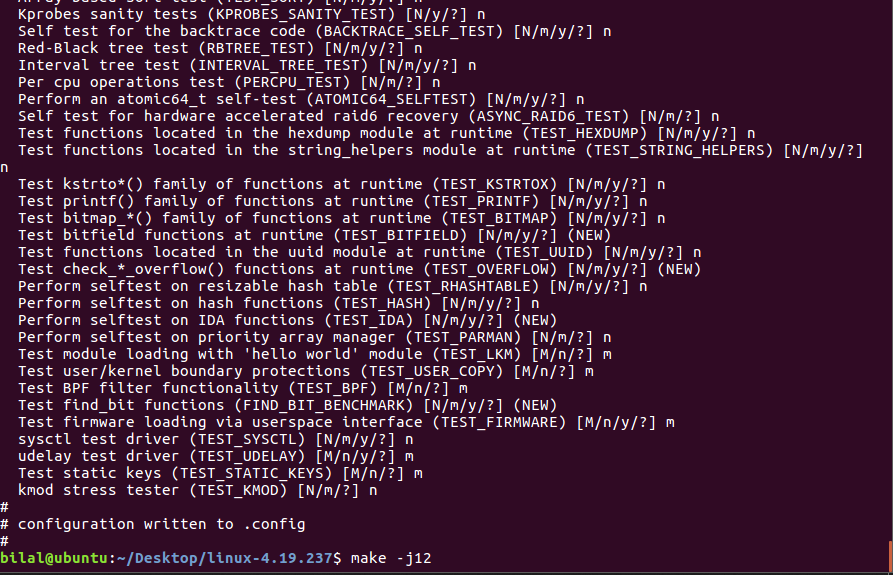
1. **Confirming the presence of the config file using ls**

****

1. **Checking the number of cores available using lscpu**

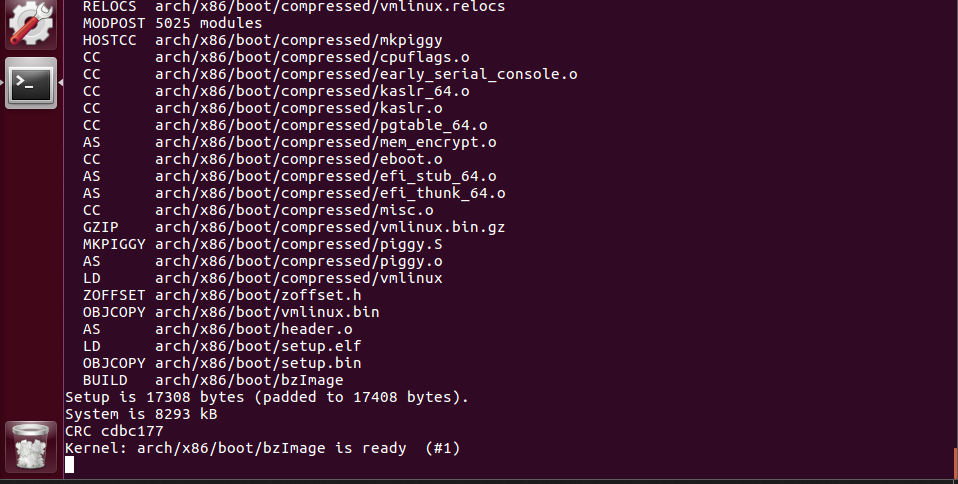
****

1. **Cleaning the kernel**

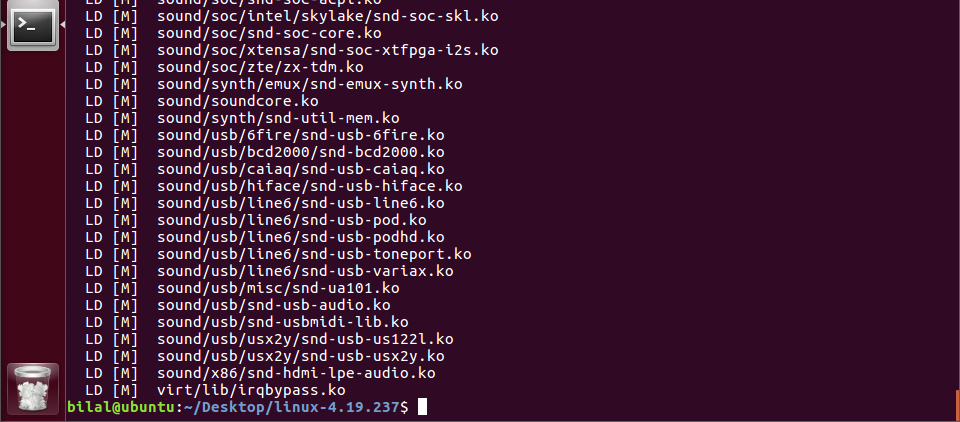
****

1. **Compiling the kernel**

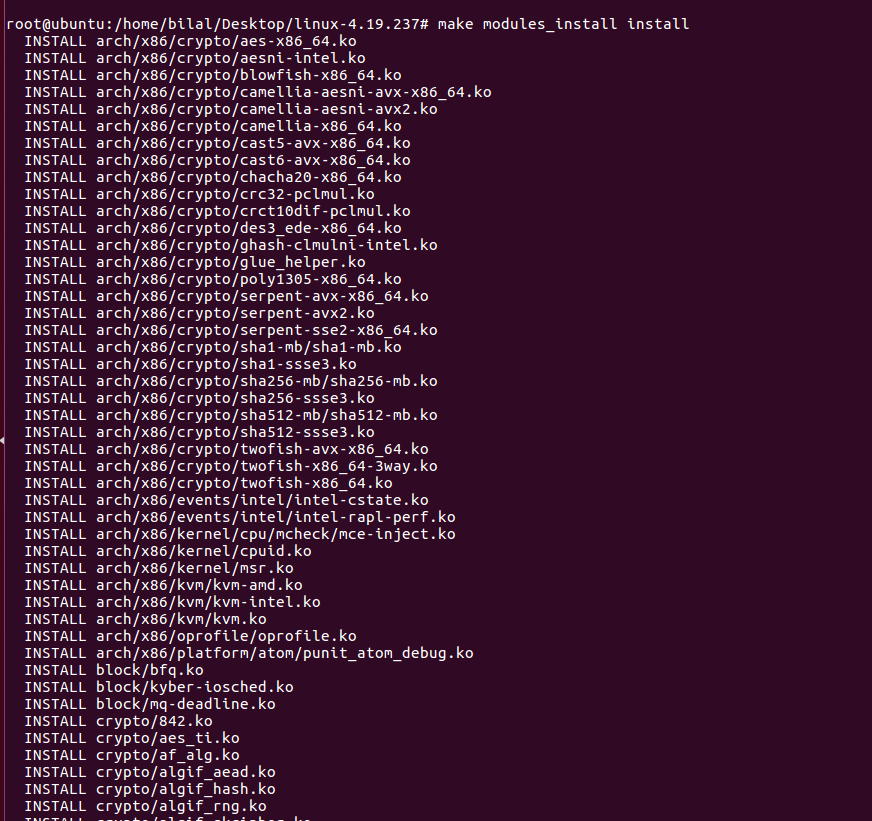
After the wait of 21 mins and 15 secs….



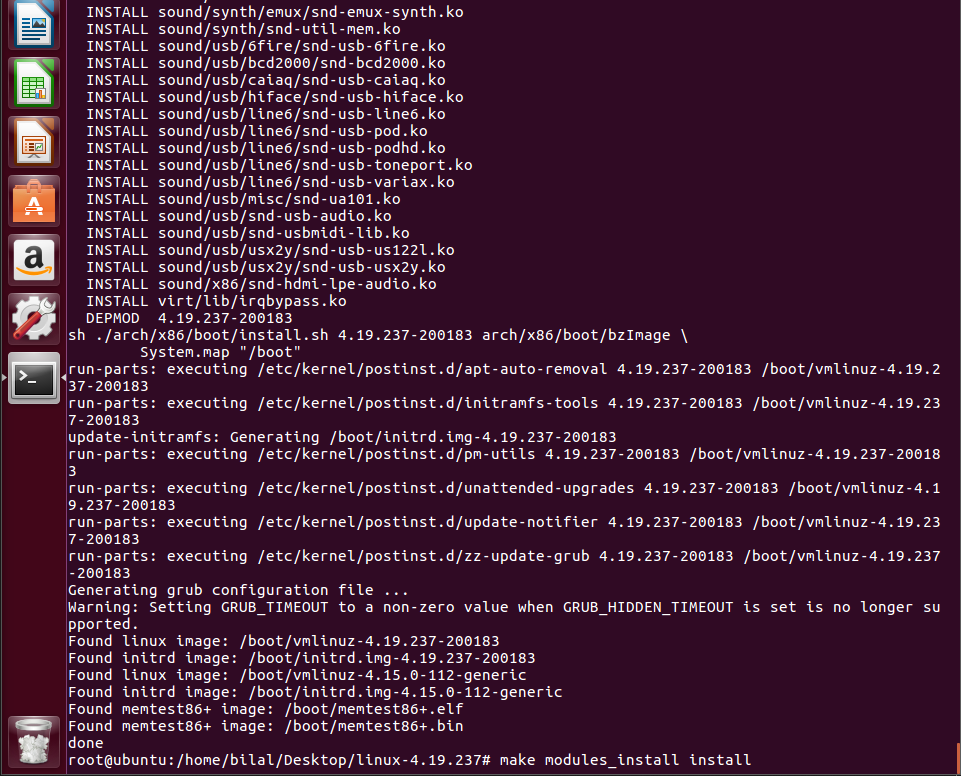
And 5 more mins…



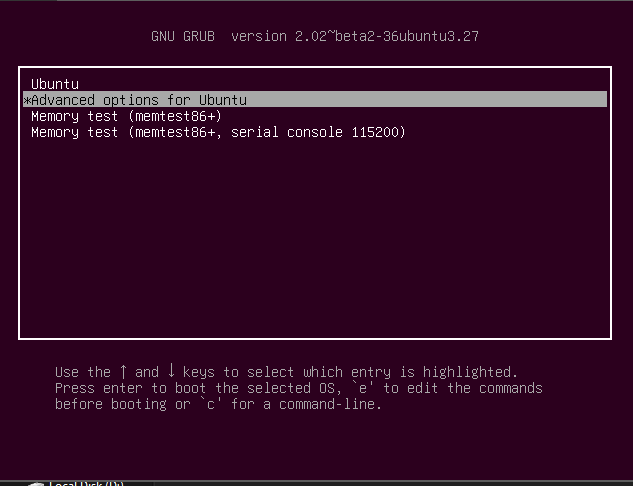
1. **Installing the modules**

****

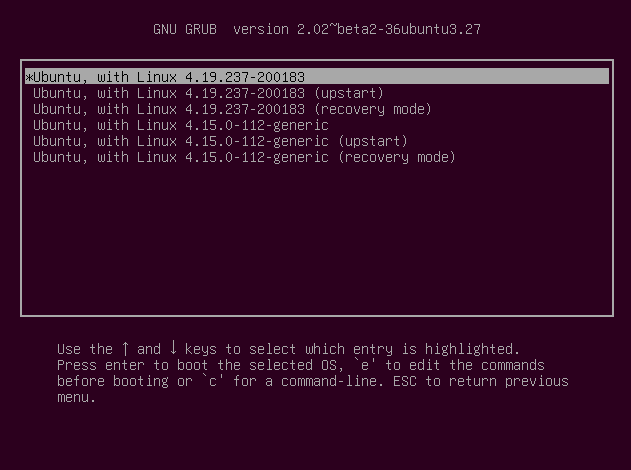
1. **Kernel compilation done (Finally….)**

****

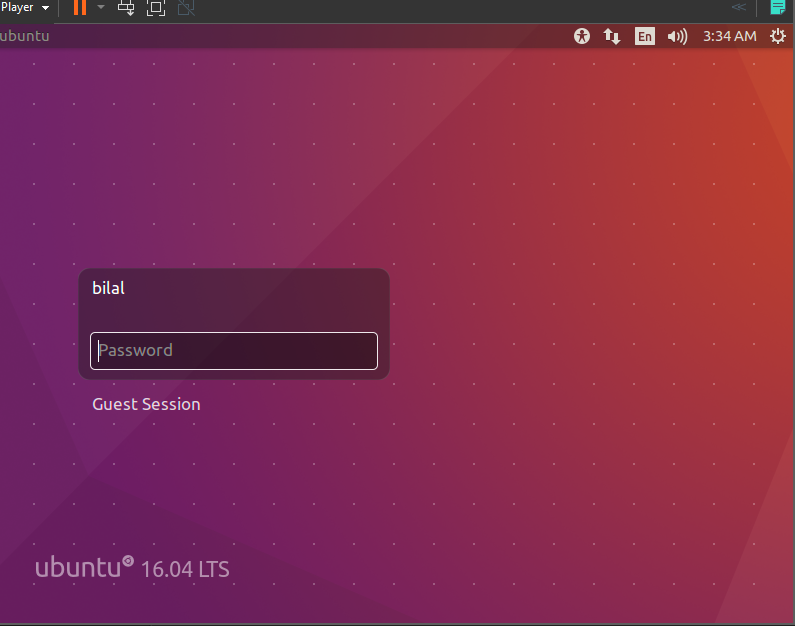
1. **Booting from the compiled kernel (Opening the Advanced options)**

****

1. **Selecting the kernel with my Roll No.**

****

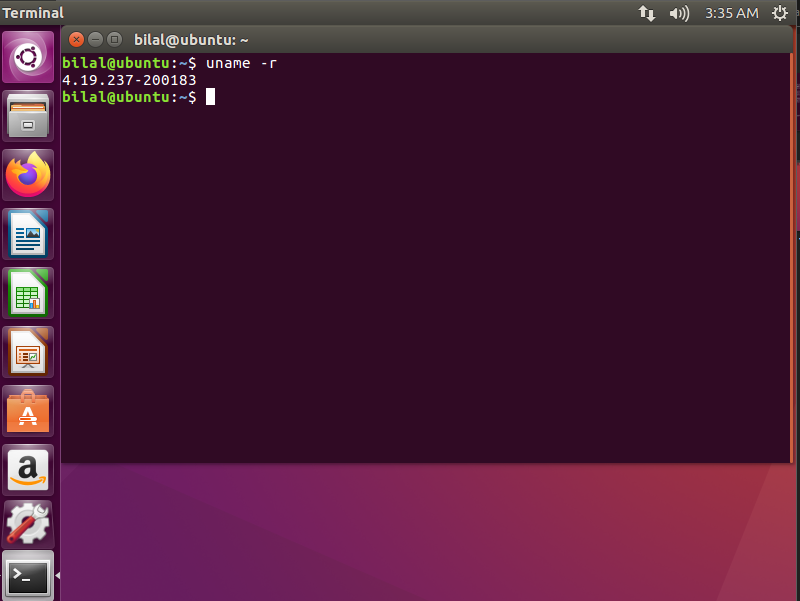
1. **Logged In!**

****

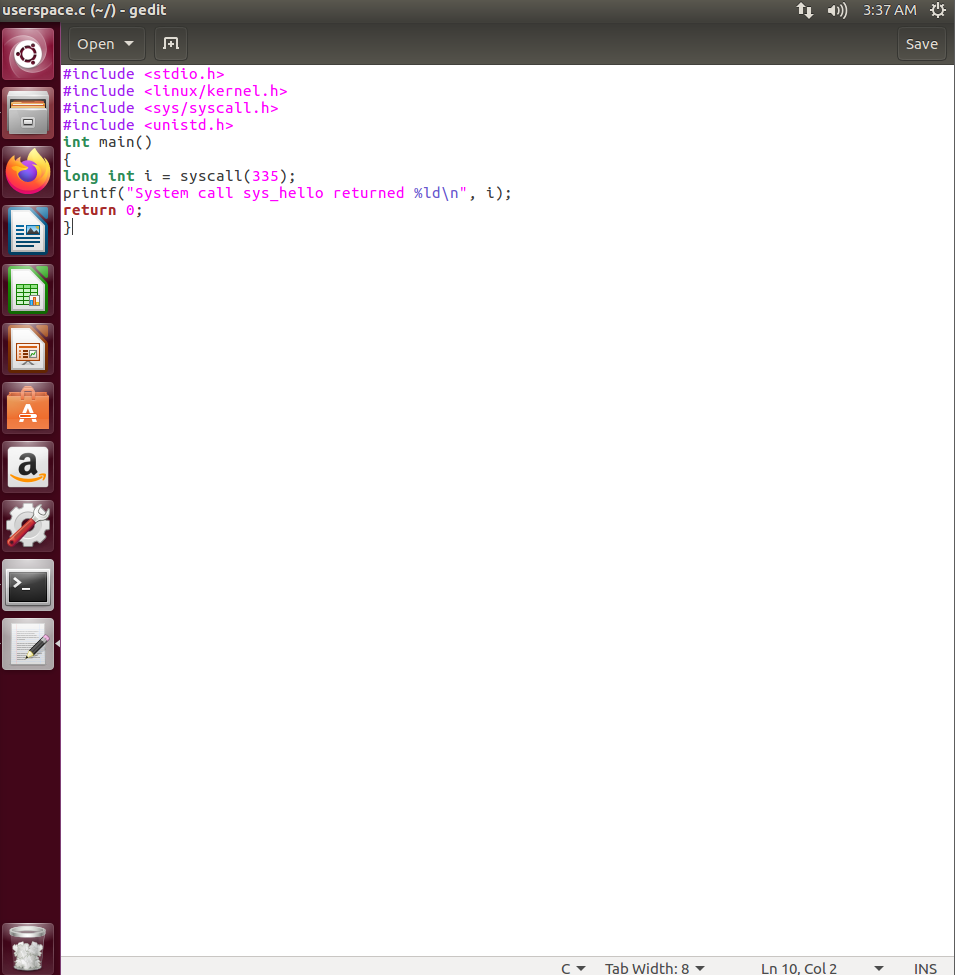
1. **Loading**

****

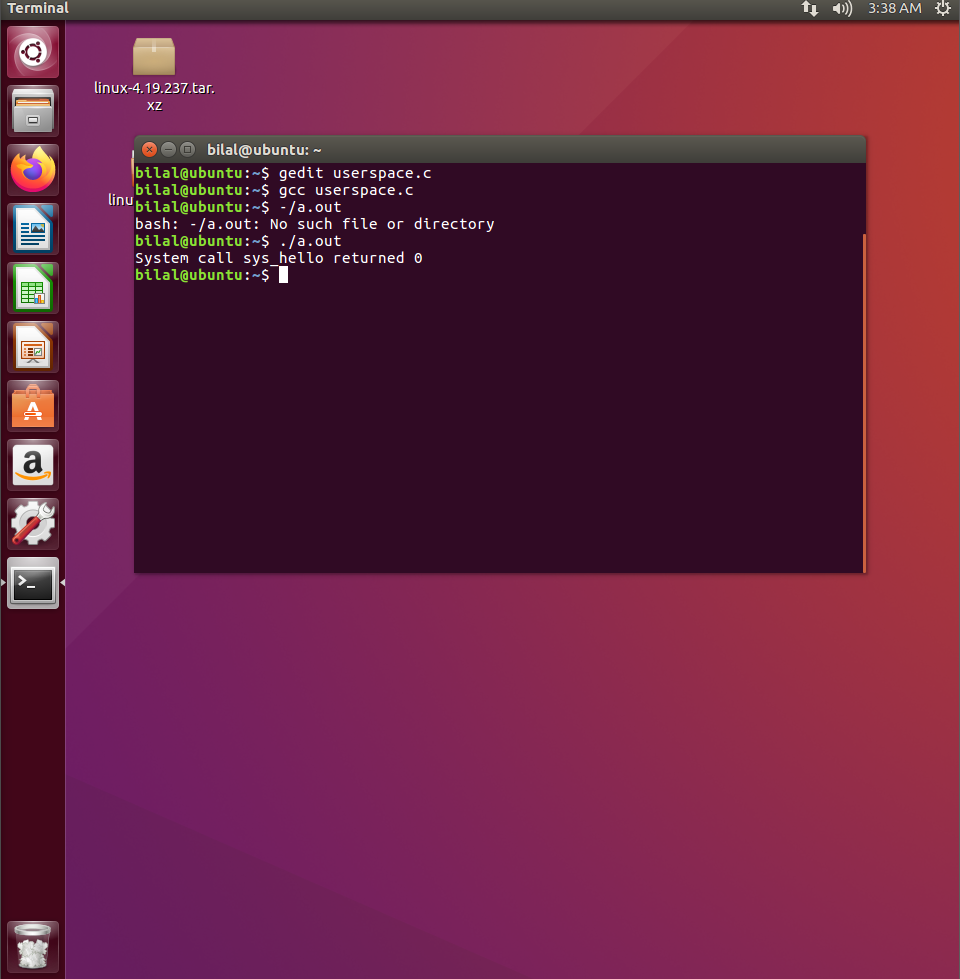
1. **Checking kernel version with my own Roll No.**

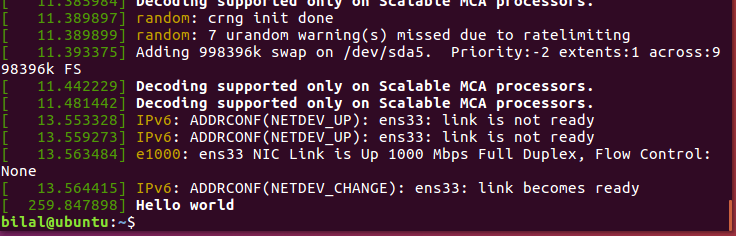
****

1. **Code to test System Call**

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1. **System Call implemented Successfully**

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