



FAST NUCES

Assignment : 3

Installing Kernel with Shell Scripting

Submitted By:

Muhammad Shafeen
Roll Number: 22P-9278

Submitted To:

Saad Ahmad

Department of Computer Science
FAST NUCES

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Report :

Approach :

Step 1 :

Downloaded and checked the integrity of the downloaded tar file (containing latest linux kernel

Step 2 :

Extracted the source code and configured it

Step 3 :

Compiled and installed the modules

Step 4 :

Updated the bootloader

Step 5 :

Verified the installation

Challenges :

Mainly Two challenges were faced :

- 1) It was time consuming
- 2) Certifications were needed to be accepted with a special command that needed a bit of searching
- 3) Handling errors occurred in the automated script file