Fast**National University of Computer & Emerging Sciences, Karachi  
 FALL-2024 CS-Department**

**THEORY PROGRAMMING ASSIGNMENT**

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| **Course Code: CS2006** | **Course Name: Operating Systems** |
| **Open Date: 12th September 2024** | **Due Date: 04th October 2024** |

1. Make a “hello world” system call.

* You need to download a newer version of kernel and ***name that kernel your roll number*** *(if the teacher executes the command uname –r, it must display your roll number as kernel version)*
* Add a hello world system call with the help of this [tutorial](https://www.youtube.com/watch?v=AP-tBd84vbM&feature=youtu.be).
* Then configure the kernel with the help of the given lab manual.

***Checking:***

Students are required to save a screenshot of each step and define it in word doc with a sequence; the document (***named: k224224\_OS\_A1.doc***) will be submitted on the GCR.

**Students must bring their laptops for the demo of the assignment.**

(The date will be given by the lab instructor)

***Note****: In case of any ambiguity consult your lab instructor.*