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| **National University of Computer and Emerging Sciences, Lahore Campus** | | | | |
| C:\Users\saif\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\final design.jpg | **Course:** | **COAL- Lab** | **Course Code:** | **EL213** |
| **Program:** | **BS(Computer Science)** | **Semester:** | **Fall 2016** |
| **Duration:** | **30 Minutes** | **Total Marks:** | **10** |
| **Paper Date:** | **28-Nov-16** | **Weight** |  |
| **Section:** | **D** | **Page(s):** | **1** |
| **Exam:** | **Quiz-II** |  |  |

**Question 1**

You have to write a subservice al=1 for ah=0/INT 16h. This service will do a timed wait.

By default, the routine blocks forever waiting for a key to be pressed. Your service will unblock/ continue with the remaining code/ exit the routine if the keyboard isn’t pressed for about 5-6 seconds.

Note: Submissions will be on xeon.