National University of Computer and Emerging Sciences

Quiz-2

for

Computer Organization and Assembly Language Programming

(EL 213)

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Task 1: Write a routine for moving two asterisks left to right (at the top of the screen) and right to left (at the bottom of the screen), respectively. The routine only moves the asterisk one step **each second** for every call. Hook this routine as timer interrupt handler. Also provide the functionality to increase the speed of movement when F10 is pressed, and decrease the speed of movement when f11 is pressed. [10]

Task 2:

Write a subroutine program that arranges all the numbers in an array in ascending order (10 elements) and display both the original & sorted array on screen.