National University of Computer and Emerging Sciences

Lab Quiz 2

Computer Organization and Assembly Language

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| **Time Allowed** | 30 Minutes | **Student Name** | |  |
| **Maximum Marks** | 20 X 5 = 100 | **Roll Number** | |  |
| **Lab Instructors** | Raja Muzammil | | **Date** |  |

1. Write a program to check if a byte is a Palindrome.

If (byte == Palindrome)

move AAh into BL

push the byte on the stack

else

move 00h in BL

print a message that it is not a palindrome

[Hint: Use Rotate instructions].

1. Write a program that copies the first 7 lines of AFD Introduction screen in last 7 lines, As shown below:

