Practice Lab 2 Assignments

Write an assembly language program to

1. Accept three 2-digit numbers and find the greatest among them.
2. Read a 2-digit number and find its square.
3. Read two 32-bit numbers, add them, and print the result.
4. Check whether your system is little endian or big endian.

   Hint: For little-endian lower-order byte of the data is stored in memory at the lowest address, and for big endian higher-order byte is stored at the lowest address
5. Read *n* numbers and find the mean of them.

Important Instructions:

- *Adhere to the academic integrity policy of CSED, NITC.*
- *Only the students who submitted the practice lab assignments on the due date (08.02.2022) and time (8.00 AM) in Eduserver are eligible for practice lab evaluation and Quiz.*
- *You are asked to report to the respective labs for practice lab at*

   8.55 AM/01.55 PM (CS01 and CS02/ CS03 and CS04).
- *The Lab evaluation will begin at 9.00 AM/2.00 PM and ends at 12 PM/5.00 PM (CS01 and CS02/ CS03 and CS04).*
- *You must modify the assignments uploaded in the Eduserver according to the TA's request.*
- *The maximum Mark for the said evaluation is 3.*
- *All your programs must use formatted I/O.*
- *The modification Questions are strongly connected with the assignments of practice lab 2 only.*
- *Upload only a single .txt file (including all the programs)*
- *Files name(s): <ROLL NO>.<txt>*