SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCEINCE & INFORMATION TECHNOLOGY

SPRING 2021

MICROPROCESSOR & ASSEMBLY LANGUAGE (CS-330)

Assignment # 02

Semester: V   Batch: 2019
Due Date: 2nd June, 2021   Max Marks: 2.5

Instruction:
* Attempt all questions.

Question # 01: Write a program that calculates the total sum paid to a salesperson for eight months. The following are the monthly paychecks for those months: $986, $5673, $4323, $1298, $3700, $1200, $4300 and $2300.

Question # 02: Write a program to find the highest value from monthly paychecks given in Question # 01.

Question # 03: Write a program that scans the initials 'IbM' and replaces the lowercase 'b' with uppercase 'B'.

Question # 04: Write a program using a lookup table and XLAT to retrieve the *y* value in the equation $y = x^2 + 2x + 5$ for *x* values of 0 to 9.

Question # 05: Write a program that find number of zeros in a byte sized operand.