Deadline: 4th Feb.

Submit a zipped file containing a report with an explanation of your code, along with the four code files. Submit a zip file here on the moodle.

Zip file name should be roll no. e.g, 2022000000.zip

Q 1. Struct using function:
A C-program that performs multiplication, subtraction, and addition of two complex numbers using structures in functions. *(20 marks)*

Q 2. Write a structure to store the email, name, age (between 17 to 22), roll no. and hostel address of students (more than 20). Store the information of the students. *(10 marks)*

 (a) Write a function to print the names of all the students having age 19. *(5 marks)*

 (b) Create a function that prints the names of all students whose email addresses start with 'I' or 'T'. *(10 marks)*

 (c) Write another function to display the details of the student whose email is given (i.e. email entered by the user) *(10 marks)*

Q 3. Create a C program that capitalizes the first and last letter of every word in a file. *(20 marks)*

Q 4. Write C program to read and write student email, roll no and marks of assignment-1,2,3 in a file. *(25 marks)*