

System Software and Administration (CS-209)

Assignment No.-2

Instructions:

1. Answer all the questions in A4 size white paper.
2. Submission deadline: **23-05-2023**
3. No late submission will be entertained.

Questions:

1. Differentiate between macros and subroutines.
2. What are the advantages and disadvantages to performing the assembly of the compiled program in the compiler rather than using the standard system assembler?
3. Describe the functions of each of the RLD, ESD, TXT and END cards.
4. Explain multipass assembler. What are nested macros.
5. Write short notes on
 - a. Local and Global optimization
 - b. Bootstrap loader