

# Netaji Subhash Engineering College

Department of Artificial Intelligence and Machine Learning

B. Tech AIML 1st Year 2nd Semester

2022-2023

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**Name of the Course:** Programming for Problem Solving

**Course Code:** ES-CS291

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## Day 6 - Problem Set

1. Write a C program that will display a student information (treat student as structure) incorporating the following fields:

1. Student Name
2. Student roll number
3. Discipline (like CSE/AIML/IT etc.)
4. Address (treat this as a structure)
5. Ph no
6. Semester 1 Grade (treat this as structure)

**Note:** Address consists of: Location, District, State and Sem-1 grade consists of the paper grade like: Physics, Chemistry, Mathematics, English, Basic Electrical and Electronics; (use dynamic memory allocation)

2. Write a C program that will compute number of lines, words, characters in a file.
3. Write a C program that will perform file copy operation.
4. Write a C program that will perform file concatenate operation.