Assignment no. 1

1. Describe the language processor in detail with various language processing activities ?
2. What is scanning and parsing ? Briefly explain.
3. What is assembler ? Explain two pass assembler with ythe schematic diagram.
4. What is a literal ?What is its advantage s in assembly language programming ?

Assignment no. 2

1. Explain the term :nested macro calls.
2. List down the steps in designing in a macro processor.
3. Explain phases of compiler with example.
4. Explain code optimization.

Assignment 3

1. What is loader ? List basic functions and features of a compiler .
2. Write a note on MS-DOS linker .
3. Explain the software tools for program development.
4. Explain the editor structure .

Assignment 4

1. Explain various types of OS.
2. What is the purpose of system call in an OS? List types of system call.
3. Draw and explain process state transiton.
4. Explain ostrich algorithm.

Assignment 5

1. Explain swapping.
2. Compare paging and segmentation.
3. Explain demand paging.
4. Explain page replacement algoritm.

Assignment 6

1. Explain the principle of i/o hardware.
2. Explain i/o software layers .
3. Explain file operations.
4. Explain disk space management