



POP question bank for module4 and 5

Principles of programming using C (Visvesvaraya Technological University)



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Module-4

1. Mention various operations that can be performed on string using built-in functions. Explain any two function.
2. Develop a program using pointer to compute the sum, mean and standard deviation of all element stored in array of N real number
3. Explain gets() and puts() function with example
4. What is pointer? Discuss pointer arithmetic with example
5. Define Pointer. Explain pointer variable declaration and initialization with suitable example.
6. Develop a C program to Write functions to implement string operations such as compare, concatenate and string length. Convince the parameter passing techniques.

Module-5

7. Explain the following with syntax and example
 - i) Structure Declaration
 - ii) Structure initialization
8. Explain various modes in which file can be opened for processing.
9. Implement structure to read, write and compute average marks of the students. List the students scoring above and below the average marks for a class of n students
10. Differentiate structures and unions with syntax and example
11. What are enumeration variable? Explain the declaration with example
12. What are enumeration variable? How are they declared