

Programming Questions

| | |
|----------|--|
| 1 | Write a C++ function <code>copy_ints</code> that copies a specified number of ints from one memory area to another. The function should have a void return type and take the following parameters: 1) a pointer specifying the start of the source area for the copy operation; 2) an integral type specifying how many ints to copy, and 3) a pointer specifying the start of the destination area for the copy operation. Test the function writing main function. |
| 2 | Develop a C program that writes the contents of one or more files in succession to standard output. (That is, the program writes the concatenation of a number of files to standard output.) The sequence of files to be processed should be specified as command-line arguments (i.e., via the arguments passed to the main function). |
| 3 | Given that an <code>EMPLOYEE</code> structure contains following members: data members: Employee number, Employee name, Basic, DA, IT, Net Salary and print data members. Write a C++ program to read the data of N employee and compute Net salary of each employee (DA=52% of Basic and Income Tax (IT) =30% of the gross salary). |
| 4 | Write a C++ program to create a structure called <code>COMPLEX</code> and implement the following overloading functions <code>ADD</code> that return a <code>COMPLEX</code> number. I. <code>ADD (a, s2)</code> - where a is an integer (real part), and s2 is a complex number. II. <code>ADD (s1, s2)</code> - where s1 & s2 are complex numbers. |