

Programming Test Questions

1	Write a C++ program to create a class called STRING and implement the following operations. Display the results after every operation by overloading the operator << . i) STRING s1 = "NIT" ii) STRING s2 = "GOA" iii) STRING s3 = s1 + s2 (Use copy constructor)
2	Define a class SET with Data members: array of int, int variable to indicate number of elements in a SET object; and Member functions: to read element of a SET object, to print elements of a SET object, to find union of 2 objects of SET using operator overloading (S3=S1+S2), to find intersection of 2 objects of SET using operator overloading (S4= S1*S2). S1, S2, S3 and S4 are objects of SET. Use this class in a main function to show the above operations.
3	Write a C++ Program to Reverse the Contents of a File and Print it. Suppose the file content is "I am a boy". It should print as "boy a am I."
4	Write a C++ program that reads a text file and creates another file that is identical except that every sequence of consecutive blank spaces is replaced by a single space