

\* Object Oriented Programming (OOP) - Practical Number - 57 (Group - 6) Mame: - Shustubh Shrikant Kabra Ellass: - Second Year Engineering. Roll Number: -Batch:-Department: - longuter Department College: - AISSMS's IOIT. Demonstration of 5TL for Sorling and Searching with user-defined records

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One of Sorling and Searching with us Write C++ program using STL for sorting and searching user defined records such as Item records using vector container. 1) Student will be able to learn and understand concepts of 5TI.
2) Student will be able to demonstrate various operations for Sorting and searching using 5TL. Hardwore requirement: Any CPU with Pentium Processor or similar, 256 MB RAM or more, 1 GB Hard Dish or more.

		CIASSMATE Date: Page:	
Software Requirement	:- 4 bit linux/Windows Aport	aling System, G++ compiler.	
Theory:- The C++ STL!  template classes to  that implement man	Standard Template Library) provide general-purposes y popular and commonly	templatized classes and function the example shown above by the STL tools. I will first produced the state of	
vector = int > :: iterato	r current = value begin ();		
int high = * current + while (current! = wa			
{ (* current > high			
high = * current.			
3			
current ++;			

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Algorithm:	
2) It supports a random access leterator pringlementation for frequently used operated	rovides en efficient
3) Use random l'acces iterator	for accessing vector
4) If we want to sort the elements of use all 5) For searching find it give location of	gorithm sort. specified element.
londwion:-	
the have successfully implemented vector continues and sorting data.	war way so - got