

**Modern Education Society's
Wadia College of Engineering, Pune**

NAME OF STUDENT:	CLASS:
SEMESTER/YEAR:	ROLL NO:
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY:	EXPERIMENT NO: C2

TITLE : IMPLEMENTATION OF ASSOCIATIVE CONTAINER USING STL

PROBLEM STATEMENT : Write a program in C++ to use map associative container. The keys will be the names of states and the values will be the populations of the states. When the program runs, the user is prompted to type the name of a state. The program then looks in the map, using the state name as an index and returns the population of the state.

OBJECTIVES:

1. Provide programming insight using OOP constructs.
2. To lay a foundation for STL programming.

OUTCOMES:

1. Develop programming application using object oriented programming language C++.
2. Analyze the strengths of object oriented programming.

PRE-REQUISITES:

1. Knowledge of template.
2. Knowledge of Standard Template Library

APPARATUS:

1. OS: Ubuntu 18.04.2 LTS
2. Processor: Intel® Core™ i7-4790S CPU
3. Graphics: GeForce GT 610/PCIe/SSE2
4. Storage: 500 GB
5. Text Editor: gedit
6. Compiler: GNU C++ Compiler (g++)
7. Terminal

QUESTIONS:

1. What is associative container, explain any two associative containers with their functions.
2. Explain iterator and operations performed by iterator.