

### Assignment 12.

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Performance Date :

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#### Problem statement :

Write a program in c++ to use map associative containers. The keys will be names of states & value will be population. When program runs user is prompted to enter name of state. The program looks in map, using state name as index & returns population of state.

#### Theory :-

Map associative containers:

They store elements in a mapped function. Each element has a key value & a mapped value. No 2 mapped values can have same key.

#### Algorithm :

1. Start
2. Give header file to map associative container.
3. Insert states names so that we get values as population of states.
4. Use the [] operator to insert key value pair.
5. Display population.
6. Stop.

#### Test Cases

	Input	Exp O/P	Actual O/P	Result
1.	Maharashtra	2893476	2893476	Pass
2.	maharashtra	No state exists	No state exists	Pass

## Conclusion:

F We understood the implementation of map associative containers.

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