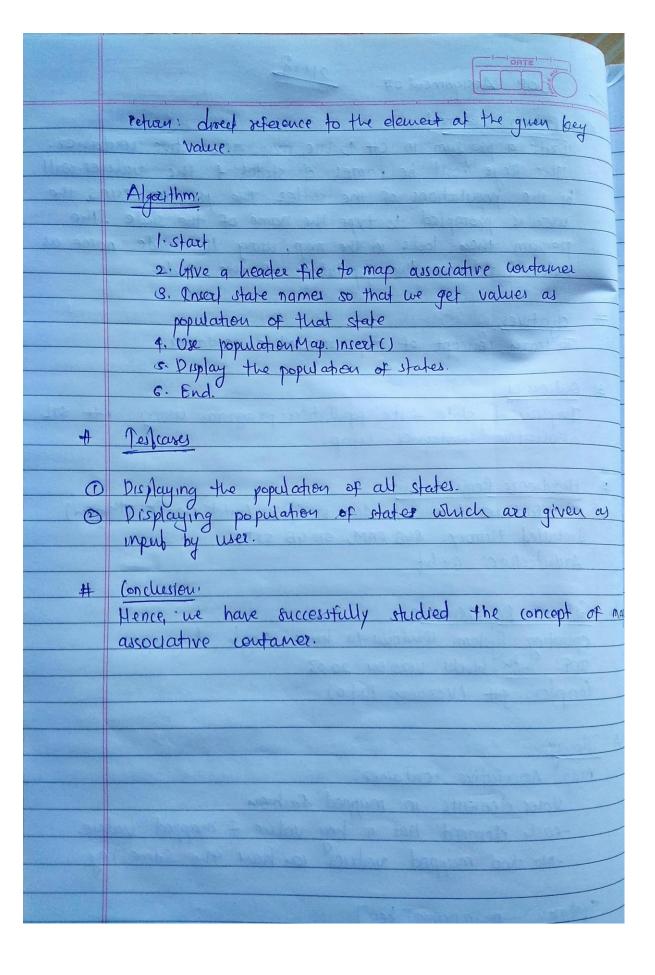
OOP Assignment 07 21118 # Stadem Statement: Write a program in ctt to use map associative voitainer. The keye will be names of states of the values will be the populations of the states the program zuns, the were is prompted to type the name of the state. The program then looks in the map, using the state name as index & returns the population of the state. # Objectives To tearn concept of map associative container # outiones Japlanent state & it's population program using ctt 51L associative containce map # Hardware Regulzements; Manufacturer & model: Acex swiff 3 (intel core is 8th gen) Installed Memory: 84B RAM, 5124B SSP Arditecture: 64-615. # Software Reguliernents: operating System: Windows to home single language TOE: code-blocks version 20.03 Complex: 9H (version: 10.1.0) Theory: Map Associative container: stores elements in mapped fashion -each element has a key value of mapped value.
- No two mapped values on have the same key. syntax: map.name[key]
parameters: key value mapped to the element to be fetched



```
Enter
       1 to print population of all states.
       2 to print population of particular state.
       0 to Exit.
:2
Enter state: Goa
The population of Goa is 1,458,545
Enter
       1 to print population of all states.
       2 to print population of particular state.
       0 to Exit.
:2
Enter state: Mumbai
Mumbai is Not Found in Database!
Total States Available: 36
Enter
       1 to print population of all states.
       2 to print population of particular state
       0 to Exit.
:1
        Lakshadweep:
                       64,473
              Delhi:
                       16,787,941
      Daman and Diu:
                       586,956
Dadra and Nagar Haveli: 586,956
Andaman and Nicobar Islands:
                               380,581
         Chandigarh:
                       1,055,450
          Karnataka:
                       61,095,297
         Puducherry: 1,247,953
                       6,864,602
   Himachal Pradesh:
            Tripura:
                       3,673,917
                       32,988,134
          Jharkhand:
          Telangana: 35,004,000
       Chhattisgarh: 25,545,198
              Bihar: 104,099,452
        Maharashtra: 112,374,333
  Jammu and Kashmir: 12,258,433
            Gujarat:
                       60,439,692
  Arunachal Pradesh:
                       1,383,727
             Kerala:
                       33,406,061
             Odisha:
                       41,974,218
     Andhra Pradesh:
                       49,576,777
                Goa:
                       1,458,545
          Rajasthan:
                       68,548,437
     Madhya Pradesh:
                       72,626,809
            Manipur:
                       2,855,794
                       31,205,576
              Assam:
                       1,978,502
           Nagaland:
             Punjab:
                       27,743,338
          Meghalaya:
                       2,966,889
      Uttar Pradesh:
                       199,812,341
            Mizoram:
                       1,097,206
         Tamil Nadu:
                       72,147,030
            Haryana:
                       25,351,462
             Sikkim:
                       610,577
        Uttarakhand:
                       10,086,292
        West Bengal:
                       91,276,115
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