**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**

**DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY & RESEARCH**

Department of Computer Engineering/Computer Science & Engineering/ Information Technology

**Subject Name: Object Oriented Programming with C++**

**Semester: II**

**Subject Code: CE144**

**Academic year: 2020-21**

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| **No.** | **Aim of the Practical** |
| **7.** | **Write a program to enter a size of array. Create an array of size given by user using “new” Dynamic memory management operator (free store operator). Enter the data to store in array and display the data after adding 2 to each element in the array. Delete the array by using “delete” memory management operator.**  **PROGRAM CODE :**  #include <iostream>  using namespace std;  int main()  {  int n;  cout << "Enter Size of Array: " << endl;  cin >> n;  int \*ptr = new int;  cout << "Enter Array Elements: " << endl;  for (int i = 0; i < n; i++)  {  cin >> ptr[i];  }  cout << "The Elements after Adding +2 are: " << endl;  for (int i = 0; i < n; i++)  {  cout << ptr[i] + 2 << endl;  }  delete[] ptr;  }  **OUTPUT:**    **CONCLUSION:** In this practical we learn about ‘new’ and ‘delete’ operator in c++ program and also know their syntax and uses of them. |