**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** |
| **3.** | **Write a C++ program to add two floating numbers using pointer. The resultshould contain only two digits after the decimal. Use fixed, scientific and setprecision () manipulators for controlling the precision of floating point numbers.**  **PROGRAM CODE :**  #include <iostream>  #include <iomanip>  using namespace std;  int main()  {  float n1, n2, sum;  float \*p1, \*p2;  p1 = &n1;  p2 = &n2;  cout << "Enter The First Number: ";  cin >> \*p1;  cout << "Enter The Second Number: ";  cin >> \*p2;  sum = \*p1 + \*p2;  cout << "In Set Precision Form: " << setprecision(2) << sum << endl;  cout << "In Fixed Form: " << fixed << setprecision(5) << sum << endl;  cout << "In Scientific Form: " << scientific << setprecision(3) << sum << endl;  }  **OUTPUT:**    **CONCLUSION:** Learnt how to use setprecision(), fixed, scientific in c++ along their syntax. |