**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** |
| **9.** | **Find the output of following program. Explain the use of bool data type. #include <iostream>**  **using namespace std;**  **int main()**  **{**  **bool a = 321, b;**  **cout << "Bool a Contains : " << a << endl;**  **int c = true;**  **int d = false;**  **cout << "c = " << c << endl**  **<< "d = " << d;**  **c = a + a;**  **cout << "\nInteger c contain : " << c;**  **b = c + a;**  **cout << "\nBool b contain : " << b;**  **return 0;**  **}**  **OUTPUT:**  **QUESTION: Explain the use of bool data type. ANSWER:** The bool data type is used to represent **boolean values - True or False.** The data type can't contain any other value.  **CONCLUSION:** In this practical we learn the use of Boolean datatype and its true for 1 and false for 0. |