**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** |
| **1.** | **Write a C++ program that will print output in the following form. Make sure your output looks exactly as shown here (including spacing, line breaks, punctuation, and the title and author). Use cout and cin objects and endl manipulator.**  **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **\* Programming Assignment 1 \***  **\* Computer Programming 1 \***  **\* Author: ??? \***  **\* Due Date: Thursday,Dec.20 \***  **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **Question: Difference between \n and endl.**  **PROGRAM CODE :**  #include<iostream>  using namespace std;  int main()  {  string author;  cout<<"Enter the author name: ";  cin>>author;    cout<<"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<"\n";  cout<<"\*\tProgramming Assignment 1\t\*"<<"\n";  cout<<"\*\t Computer Programming 1\t\t\*"<<"\n";  cout<<"\*\t "<<"Author: "<<author<<"\t\t\*"<<"\n";  cout<<"\*\tDue Date: Thursday,Dec.20\t\*"<<"\n";  cout<<"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";  }  **OUTPUT:**    **QUESTION:** Difference between \n and endl.  \n is a **string of length 1 that gets appended to stdout.**  endl is an object that will cause to append the newline character ("\n") and to flush stdout buffer.  **CONCLUSION:** In this practical welearn how to use cin and cout in c++. |