**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** |
| **39.** | **Write a program that creates a text file that contains ABC…Z. A program should print the file in reverse order on the screen. i.e. ZYX…BA. Use concept of Opening the file using constructor and open() function. Use all error handling functions like eof(), fail(), bad(), good() and functions for manipulation of file pointer like seekg() and tellg().**  **PROGRAM CODE :**  #include <iostream>  #include <fstream>  #include <string.h>  using namespace std;  int main()  {  fstream fp;  char str[27] = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";  cout << "Open file and store characters" << endl;  int len = strlen(str);  fp.open("2CE1.txt", ios::out);  for (int i = 0; i < len; i++)  {  fp.put(str[i]);  }  fp.close();  fp.open("2CE1.txt", ios::in);  cout << "Reading from file:" << endl;  fp.seekg(-1, ios::end);  char ch;  while (fp.tellg() >= 0)  {  fp.get(ch);  cout << ch;  fp.seekg(-2, ios::cur);  }  fp.close();  return 0;  }  **OUTPUT:**    **CONCLUSION:** In this practical we learn the concept of Opening the file using constructor and open() function. And also the use of all error handling functions like eof(), fail(), bad(), good() and functions for manipulation of file pointer like seekg() and tellg(). |