

Name of the Student:

Roll No.:

Stream: B.Tech (CSE) Semester: 3th Sec: B(Gr.1/2)

Heritage Institute of Technology
B.Tech (CSE) 3rd Semester
Paper: Object-oriented Programming Lab (CSEN2113)
Assignments on C++

Day 3

1. Faculty class has private variables: name, faculty id, department, rank, number of research papers and student feedback score, one static member college name. Hod class wants to access the faculty information and promotes the faculty depending upon two conditions, if the student feedback score is greater than 80 and if the faculty member has published more than one research paper. Write the promote function in Hod class. Display the information about the promoted faculty members in a separate independent function. Take all the input of Faculty class, from user.

2. Write a program in C++ to add, multiply and subtract two matrices, using proper functions. Add constructors and destructors and show dynamic memory allocation and deallocation. Make the program menu based.