

EE1102 Introduction to Programming

Exam – Part 1

Submission Procedure: Upload the C program file by the due date and time. The file should be named as specified in each problem statement. Replace ROLLNO with your roll number (all small letters). **Do not upload exe files.**

Problem (20 marks including 5 marks for Q&A, Recommended Time: 10 min)

Write a C program called ROLLNO_swap.c that will have a swap function, which can be called from the main() function, to swap two integer variables. In the main() function, you should initialize the values of two variables Var1 and Var2 to 5 and 10, respectively, before calling the swap function to swap the values in the two variables. The swap function should have only two arguments, and the swap function should not print anything out. After the function is called, the values stored in the two variables should be printed in the main() function using printf.

Note: During evaluation, the values assigned to Var1 and Var2 will be changed to some other values. So make sure your code works for any general case.