

CS6109 - COMPILER DESIGN – LAB

Week 7 – 05.09.2023

(Spot Questions)

1. Convert a nested if – else if consisting of multiple expressions into a single if-else by concatenating the expressions. You need to handle ‘and’, ‘or’, ‘not’ operators in the expression.

Input 1: if x == y print x; else if x < y print x; else print y;	Output 1 : if (x ==y x < y) print x else print y
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Input 2: if (x != y) { x=0 if (x > y) { x = 0 } else { x= 1 } } else { x = 1 }	Output 2: if (x!=y && x > y) x = 0 else x = 1
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