Assignment 7

CS321 : Compiler Lab

19-March-2025

1. Write a C/YACC program to transform a concrete parse tree into an abstract parse tree using Syntax-Directed Translation (SDT).

2. Write a C/YACC program to parse binary numbers and convert them to their decimal equivalent using Syntax-Directed Translation (SDT). The program should handle both binary integer numbers and binary floating-point numbers.

Integer Conversion	**Floating-Point Conversion**
Input: `101` (binary)	**Input:** `101.11` (binary)
Output: `5` (decimal)	**Output:** `5.75` (decimal)