

ASSIGNMENT-4

In this assignment, you are expected to use (and modify if required) the flex code which is written by you for assignment-3 to perform lexical analysis for a language subset of Relational Algebra (RA) Queries consisting of the following operations: {SELECT, PROJECT, CARTESIAN PRODUCT, EQUI-JOIN}. Hence, your program should use flex to generate the scanner and then bison to generate the parser. The bison parser should generate target code in C language for your input RA program, considering all database tables to be simply represented by text files in comma separated .csv format. The generated C code should be compilable using gcc. Outputs of all queries should be directed to stdout.