

Assignments On Code Generation:

Write a program that will read the Intermediate Representation (three address statements) for ***assignment statements, if statements, if-else statements*** and ***while statements*** one by one and generate the assembly code for a target machine. The target code generation scheme follows the code generation strategy given in: A. V. Aho, R. Shethi, J.D. Ullman, "Compilers, principles, techniques and Tools ", pp 535 - 541. For code generation, the instruction set of 8085 / 8086 microprocessor is to be used.