

CS6109 - COMPILER DESIGN - LAB

Week 8 - 12.09.2023 (Observations)

YACC Program

1. Write a yacc program to implement arithmetic operators(+ , - , * , /)

Input	Output
$2 + 3 * 6$	20
$2 + 6 / 3$	4
$6 / 3 * 2$	4
$2 + 3 - 4 * 8 / 4$	-3

2. Write a yacc program to implement Boolean operators (AND , OR , NOT).

Input	Output
$3 == 4 \text{ OR } 3 == 3$	T
$3! = 4 \text{ AND } 3! == 3$	F
$2 < 3 \text{ AND } 3 > 4$	F
NOT 0	-T
NOT 1	F