PRIME COLLEGE

Khusibun, Kathmandu

Affiliated to Tribhuvan University

LAB REPORT

OF

Compiler Design and Construction

(CSC- 365)

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Faculty: BSc.CSIT (6th Sem)

INDEX

Lab	Title/Question	Submission Date	Signature
1	a. WAP to check whether the input is digit. b. WAP to identify tokens.		
2	WAP in C to implement DFA that accepts string: a. baab b. abba		
3	a. WAP to check valid identifier b. WAP to check valid comment.		
4	WAP to count number of operators used in given input: a=b+c*d		
5	a. WAP to find the first of given grammar: S -> L+R S -> R L -> *R L -> a R -> L b. Write a program to find the follow of the given grammar R-> aS R-> (R)S R-> +RS R -> aRS S -> aS		
6	WAP for constructing LL(1) parser.		
7	Write a program to implement Shift Reduce Parsing E->E+E E->E/E E->E*E E->a/b Input symbol: a+b+a		
8	Write a program to implement intermediate code generation: X=a+b-c*d/e		
9	Write a program to implement machine code generation		