

COMPILER DESIGN LAB

1. What is a regular expression?
2. Find the first and follow of the following grammar
 $S \rightarrow ABe$
 $A \rightarrow dB|aS|c$
 $B \rightarrow AS|b$
3. What is a Handle?
4. What are kernel and non kernel items?
5. What are the various types of intermediate representations?
6. What is a DAG?
7. Explain symbol table.
8. What is code motion?
9. Define CFG.
10. Write the Regular Expression for an identifier, unsigned number.