

Compiler Design

Assignment-1

Note: Submit this assignment on the whatsapp group created for compiler design course latest by 05/04/2020

- 1. Write the names of different phases of a compiler. Explain each phase in detail with an example.**
- 2. Differentiate between compiler and interpreter.**
- 3. Write a short note on role of lexical analyzer.**
- 4. Differentiate between top down parser and bottom up parser in detail.**
- 5. Explain the Bottom-up evaluation of inherited attributed with an example.**
- 6. Write the algorithm to calculate the first and follow of a given grammar with an example.**
- 7. Differentiate between canonical parser and LALR parser.**
- 8. Write a short note on one-pass compiler.**