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| **Compiler Design Assignment** |
| Rules:   1. Write your answers, do not type or print. 2. Answers should not cross 200 words for each question. 3. Marks are equal for each question. Each answer will give you 2 marks\*. 4. Submit your assignment by 23-12-2017. 5. If I am not available, drop it in my room (42008)   \*Condition Applied |

1. Explain in detail about the role of Lexical analyzer with the possible error recovery action.
2. What is Input Buffering? Why do we use buffer pairs? Write the code to advance a pointer with sentinels.
3. What is the benefit of using LL1 parser.
4. When we can conclude that any grammar is LL1 grammar?
5. Explain the idea of Error Recovery in Predictive Parsing.