Department of Computer Engineering
Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi

LIST OF EXPERIMENTS TO BE PERFORMED IN LAB

Compiler Design Lab (CEN- 692)	
1.	Write a program to find out the FIRST & FOLLOW values for a given Context Free Grammar. The program should read the C.F.G. from a file.
2.	Write a program that verifies whether a given CFG is suitable for LL(1) parsing or not. If not then the program should convert the given CFG to a form which is suitable for the LL parsing.
3.	Write a program in C to generate SLR parse table from CFG grammer.
4.	Write a program to find the Leaders and Basic Blocks for a Three Address Code given through a file.

This is to inform all the 6th Semester students of B.Tech Computer Engineering that compiler lab assignment has posted in compiler lab classes. All the students are asked to submit their lab assignments in soft copy on or before the last date.

Please do not hesitate to contact me at 9818538198 or salam7@jmi.ac.in if you have any questions or concerns about the compiler lab.

NOTE:
1. While uploading your assignment, the file name should contain your name and roll no. eg. Filename:YOURNAME-17BCS003-CompilerLAB
2. For the compiler lab assignment, you have to show the code of programs and its output (screenshot). And only assignment question you have to submit in compiler lab class.
3. At the time of the Lab exam, you have to submit the Compiler Lab file in hard format.
4. Compiler Lab file should contain the programs which you have done in the lab (lab conducted before the lockdown), including the programs in the assignment.
5. In Programs, you have to show the code and output of the program. Take a screenshot of the program output.
6. Lab file Contents: Front Page, Index Page and Program+output(screenshot)
7. The file should be well formatted.