

Compiler Laboratory 2015, Evaluation Schedule.

Stage I : SIL interpreter (without functions)

| Date | Batch | Experiment Schedule |
|-------------|-------|--|
| Jan 12, Mon | A | Lex and Yacc familiarization |
| Jan 16, Fri | B | Lex and Yacc Familiarization, calculator implementation – Stage 1 |
| Jan 19 Mon | A | Calculator, Expression tree evaluation – Stage 1, Stage 2. |
| Jan 23 Fri | B | Expression tree evaluation, straight line program interpreter, iterative and conditional constructs – Stage 2,3,4 |
| Jan 30 Fri | A | Straight line program interpreter, Interpreter with conditional and iterative constructs – construction of <i>abstract syntax tree</i> – Stage 2 and 4. Start stage 6 – implementing arrays and user defined variables – <i>storage allocation</i> . |
| Feb 02 Mon | B | Stage 6. Complete implementation of user defined variables and arrays. Start Stage 8 – adding integer and boolean types to the interpreter – <i>abstract syntax tree</i> and <i>storage allocation</i> . (No code generation required). |
| Feb 06 Fri | A | Complete stage 6, start stage 8 – implementation of integer and boolean types to the interpreter (No code generation required). |
| Feb 09 Mon | - | Buffer day – Evaluation for all batches that have completed upto stage 8. (only interpreter required – no code generation). |

Stage II Machine code generation and implementing function calls

| Date | Batch | Experiment Schedule |
|-------------|-------|--|
| Feb 20, Fri | B | Code generation – Stage 5. |
| Feb 23, Mon | A | Code generation – Stage 5. |
| Feb 27, Fri | B | Code generation – Support for user defined variables and arrays – Stage 8. |
| Mar 02, Mon | A | Code generation – Support for user defined variables and arrays – Stage 8. |
| Mar 09, Mon | B | Start function call – syntax and semantics analysis – Stage 9 |
| Mar 13, Fri | A | Complete Function call – syntax and semantics analysis – Stage 9 |
| Mar 16, Mon | B | Complete Stage 9, start code generation – Stage 10. |
| Mar 20, Fri | A | Complete code generation – Stage 10. |
| Mar 23, Mon | B | Complete code generation – Stage 10 |
| Mar 30, Fri | - | Buffer day for all batches – evaluation for batches completing Stage 10. |

Final Evaluations (Schedule to be announced).

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| Apl 13 Mon | A | Batch A, Final evaluation I |
| Apl 17 Fri | B | Batch B Final evaluation I |
| Apl 20 Mon | B | Batch A, Final evaluation II |
| Apl 24 Fri | A | Batch B, Final evaluation II |