Names in group: Your names…

Have one person open this document and share their screen. As a group, discuss how to use shift/reduce to parse the string id + id \* id. Fill in your answers below (just as in the example on the slides). When finished, submit this document to Moodle – only one per group.

1. E → E + T
2. E → T
3. T →T \* F
4. T →F
5. F →( E )
6. F →identifier

|  |  |  |
| --- | --- | --- |
| **Rewritten string** | **Action** | **Comment (shift/reduce)** |
| $$ϵ$$ | id + id \* id | shift |
| id | + id \* id  | ?? [TODO] |
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Note: This is an LR(1) grammar. Think carefully which rule you should use.