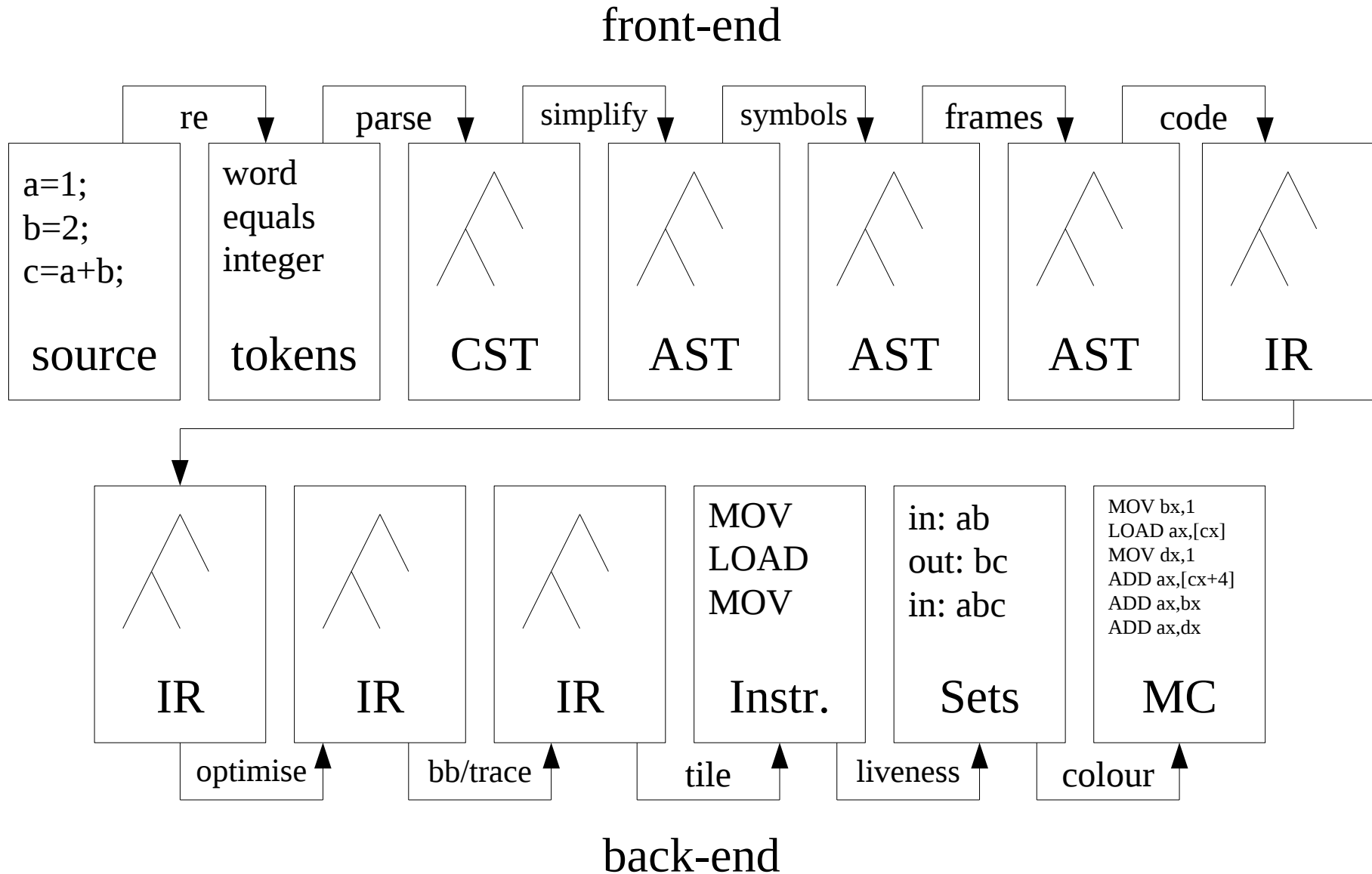


Compilers – The End



hussein suleman
uct csc3003s 2009

How a compiler works



Why compilers?

- Understand why languages are the way they are
- Understand your compiler and how best to use it
- Get exposed to different classes of practical algorithms
 - state machines, hybrid data structures, greedy algorithms, rule matching, dynamic programming, relaxation, heuristic, etc.
- Get a head start if you need to write a small compiler yourself

Final thoughts?

- ... fill out the evaluations
- ... good luck with algorithms
- ... do Honours next year
- ... so long and thank for all the fish!