

# Assignment Project Exam Help

CS262 Logic and Verification  
Prolog 3: Lists

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- List notation `[a,b,c]`
- Lists in lists `[a,b,[c,d,e]]`
- Access first element of list and the rest by `Head|Tail`
- Can be iterated: `[H1,H2|Tail]`
- Placeholder for arbitrary expression: `_`
- Test membership: `member(E1,List)`
- Get nth entry (1-based): `nth1(Idx,List,E1)`
- Prolog cut operator: `!`

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