**/\***

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**\* CMPSCI 4250**

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**\* Project 3**

**Question 2**

**\*/**

/\* Base Case \*/

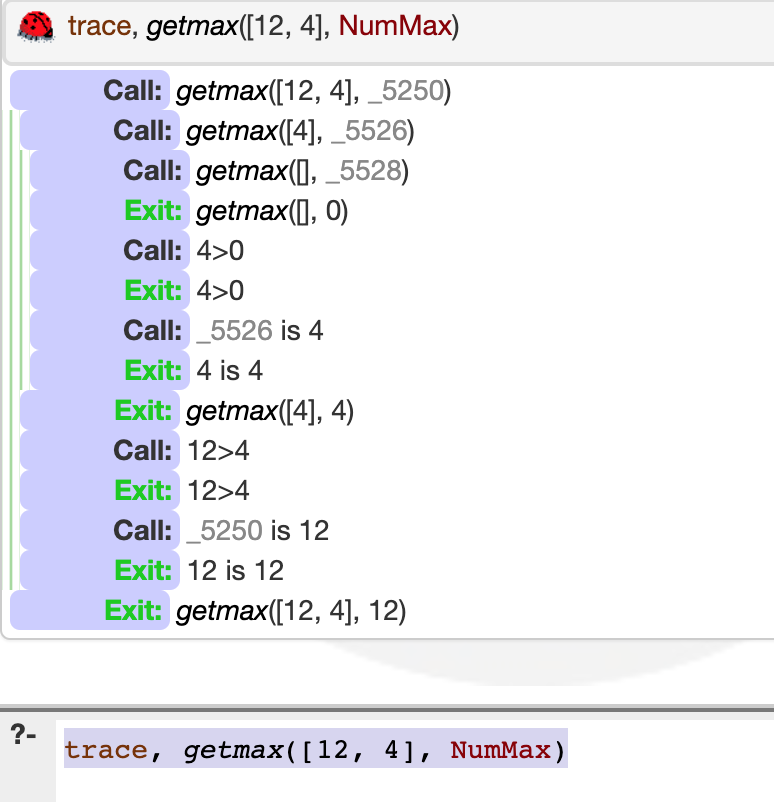
getmax([], 0).

/\* Recursive Cases \*/

getmax([Head|Tail], Max) :- getmax(Tail, Value), Head > Value, Max is Head.

getmax([Head|Tail], Max) :- getmax(Tail, Value), Head =< Value, Max is Value.

trace, getmax([12, 4], NumMax)



getmax([12, 4, 6, 54, 22, 43, 20, 5], NumMax)

**NumMax** = 54