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Help

PROBLEM 1-1 (1/1 point)

The ONLY thing we are interested in when designing programs is that it returns the correct answer.

☐ True☒ False

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PROBLEM 1-2 (1/1 point)


Roughly speaking, under the RAM model of computation, adding two numbers takes the same amount of time as dividing them.

☒ True☐ False

You have used 1 of 1 submissions

PROBLEM 1-3 (1/1 point)

When determining asymptotic complexity, we discard all terms except for the one with the largest growth rate.


- ☒ True 
- ☐ False

Show Answer

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PROBLEM 1-4 (1/1 point)


Bisection search is an example of linear time complexity

- ☐ True
- ☒ False 

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PROBLEM 1-5 (1/1 point)

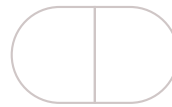
For large values of n , an algorithm that takes $20000n^2$ steps has better time complexity (takes less time) than one that takes $0.001n^5$ steps

- ☒ True 
- ☐ False

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