

CSCI 136

Data Structures & Advanced Programming

Fall 2019

Instructors

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Welcome to the CS 136 Labs!

- Meet your lab TAs
- Using GitHub on Lab Machines
- Come Prepared!
- Help!
 - Faculty, TAs, course resources, Javadoc, laptop setup
 - Late days, bigger problems
 - Food/Beverages/Bathrooms
- [The Honor Code](#)

Academic Dishonesty: Examples

What data structure do you think we should use for Problem 3?

I think a Priority Queue might work because...



Honor Code: Examples

What data structure do you think we should use for Problem 3?

This is OK!
(if you cite and understand)

I think a Priority Queue might work because...



Honor Code : Examples

What data structure did you use for question 3?

I'll email you my code so you can see what I did. Just make sure you don't copy it.



Honor Code : Examples

What data structure
did you use for
question 3?

Not OK!

I'll email you my code so you
can see what I did. Just make
sure you don't copy it.



Honor Code : Examples

Do you understand
this compiler error
message?

Yes; you missed a
semicolon on line 14



Honor Code : Examples

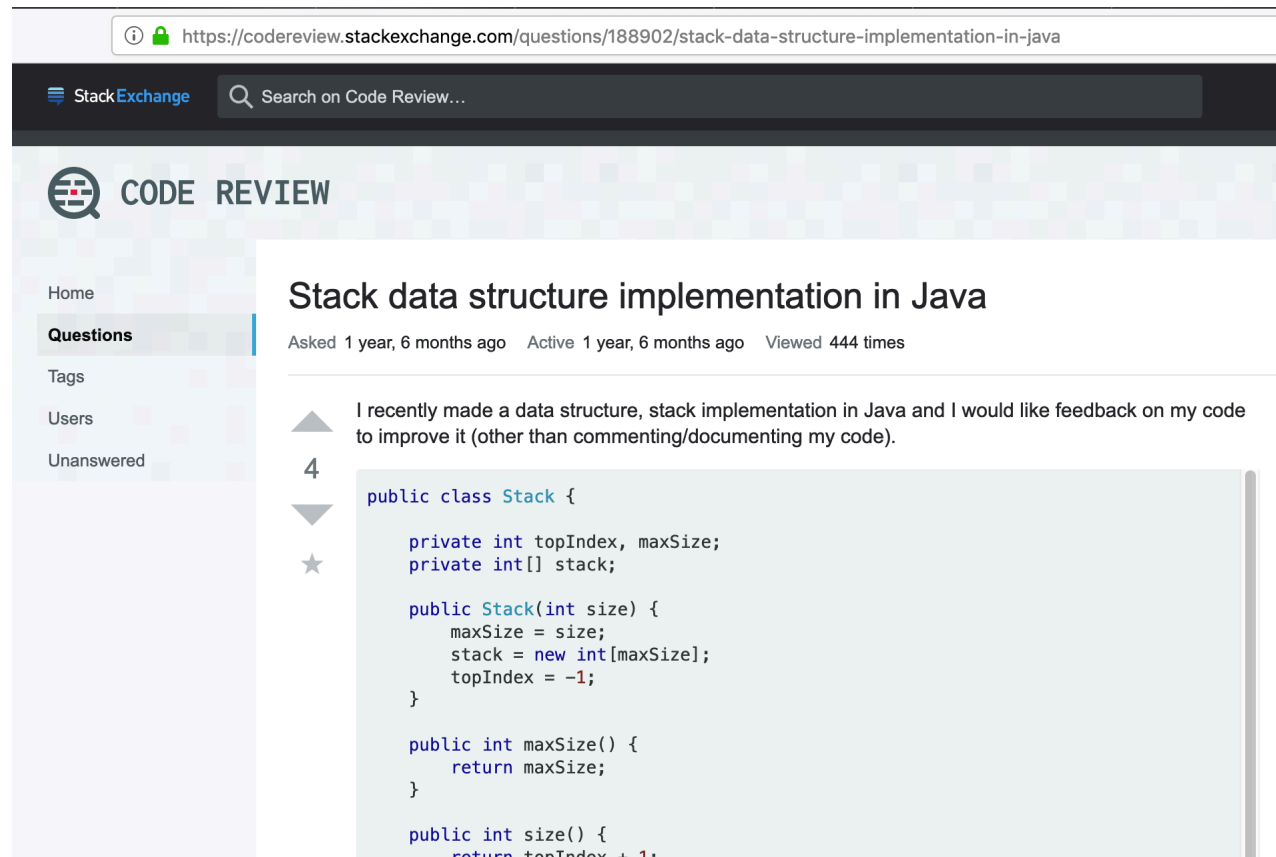
Do you understand
this compiler error
message?

This is OK!

Yes; you missed a
semicolon on line 14



Honor Code : Examples



The screenshot shows a web browser window with the URL `https://codereview.stackexchange.com/questions/188902/stack-data-structure-implementation-in-java`. The page title is "Stack data structure implementation in Java". The question text is "I recently made a data structure, stack implementation in Java and I would like feedback on my code to improve it (other than commenting/documenting my code)". The code is as follows:

```
public class Stack {  
  
    private int topIndex, maxSize;  
    private int[] stack;  
  
    public Stack(int size) {  
        maxSize = size;  
        stack = new int[maxSize];  
        topIndex = -1;  
    }  
  
    public int maxSize() {  
        return maxSize;  
    }  
  
    public int size() {  
        return topIndex + 1;  
    }  
}
```

Honor Code : Examples

StackExchange

CODE REVIEW

Stack data structure implementation in Java

Asked 1 year, 6 months ago Active 1 year, 6 months ago Viewed 444 times

I recently made a data structure, stack implementation in Java and I would like to improve it (other than commenting/documenting my code).

```
public class Stack {  
    private int topIndex, maxSize;  
    private int[] stack;  
  
    public Stack(int size) {  
        maxSize = size;  
        stack = new int[maxSize];  
        topIndex = -1;  
    }  
  
    public int maxSize() {  
        return maxSize;  
    }  
  
    public int size() {  
        return topIndex + 1;  
    }  
}
```



Honor Code : Examples

Not OK!

StackExchange

CODE REVIEW

Stack data structure implementation in Java

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```
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    public int size() {  
        return topIndex + 1;  
    }  
}
```

