Tic Tac Toe AMA

January 29, 2021
Input Format – Characters

X
X
X

0
0

/ 5
A b

😂😂
Flexibility & Extensibility

• How easy would it be to change your program to accomplish a modified task?

• Application to Tic-Tac-Toe
  • Board size
Inflexible Code

```java
public boolean isSquareBordered(char[][][] canvas) {
    if (canvas.length > 0 && canvas.length == canvas[0].length) {
        return false;
    }

}
```
Board Size

• **All** submissions should be extensible w.r.t. board length
• **If** your submission handles only one board size, other board sizes must be invalid
• **If** your submission handles all square board sizes, non-square board sizes must be invalid
Testing

• Try to isolate classes of inputs
  • Avoid redundancy
• Think "adversarially" about edge & corner cases
• Avoid grouping assertions with test cases
  • Multiple assertions only used for dependent checks
• Minimize how much tests rely on your codebase
  • Tests should be standalone

• Testing with IntelliJ demo
JDK (Java Development Kit)

• Official class version: **JDK 8** (sometimes known as JDK 1.8)
• Download from Oracle
  • Oracle requires you to create an account
Project name:
adventure

Project SDK:
This SDK is default for all project modules.
A module specific SDK can be configured for each of the modules as required.

Project language level:
This language level is default for all project modules.
A module specific language level can be configured for each of the modules as required.

Project compiler output:
This path is used to store all project compilation results.
A directory corresponding to each module is created under this path.
This directory contains two subdirectories: Production and Test for production code and test sources, respectively.
A module specific compiler output path can be configured for each of the modules as required.

C:\Users\Patrick\Documents\adventure-server-starter\classes
Visit the pinned thread on Campuswire to ask your questions. If you see a question you'd like to hear the answer to, upvote it.