

STUDENT

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COURSE

Intro to Java Programming

Hello,

I'm happy to inform you that your project has met all of our specifications, and you've completed the course. Congrats on coming this far!

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Code Functionality**Meets Specifications**

- The code compiles and runs without throwing any Exceptions or Errors. These include but are not limited to NullPointerExceptions, Compile errors, Runtime errors, etc.
- The agent has a functional move method.
- The agent implements basic expected logic, such as the iCanWin() and theyCanWin() methods. Agent correctly takes winning moves when they're available and blocks opponents' winning moves when they would otherwise be available.
- The agent beat the Random Agent at least 18 times out of 20 and the Beginner Agent at least 12 times out of 20.

Use of Control Flow Statements**Meets Specifications**

- Appropriate control statements (for, while, if, else) are used in each relevant situation.
- Iterative control statements (for, while) are used effectively to avoid repetitive code.
- Conditional control statements (if, else) effectively used to guide code flow.

Definition and Use of Methods**Meets Specifications**

- Methods are defined to prevent repetitive blocks of code.
- Methods defined in the program are called where appropriate.
- Parameters and return values are appropriate for each method's purpose.
- Use static and instance members of a class properly.

Object Oriented Programming

Meets Specifications

- Code correctly uses accessor methods to get game data out of the board.
- Code correctly uses mutators to modify the game board.
- Code efficiently and effectively leverages the object-oriented class structure of the game.

Code Readability

Meets Specifications

- Naming conventions from the Java Language Coding Guidelines are used.
- Method documentation is clear and concise.
- Names of methods and parameters are descriptive and meaningful.
- Numeric constants (other than -1, 0, 1, 2) are not used without declaring constants.

PROJECT EVALUATION

Project Meets Specifications