

Scanner

Since Java 5 this is the EASIEST way to handle text input
Previously you had a separate library for every textbook or company and they were incompatible



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InputMismatchException

If you use any of the methods to read in a primitive value (nextInt, nextDouble, nextBoolean) and you type a value that does not match that specification your program will throw an InputMismatchException and crash your application.

You want to make sure any and all prompts help the user avoid typing in an incorrect value



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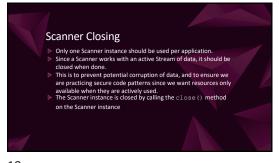
Multiple inputs

If your program is designed to collect one input at a time and a user types in multiple items they will be assigned to the variable specified next in the code. This can definitely lead to Input Mismat chException being thrown

You can prevent this by cleaning the stream after each input with a call to nextLine which consumes all input after the current requested value

If you have a nextLine call after any of the single input calls, it will automatically consume the enter key press and move on to the next line of code, skipping expected user input

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Scanner Demo

| System.or.printin("Using Scanner with printitives");
| collectioner printin("Using Scanner with printitives");
| collectioner printin("Using Scanner with Strings");
| collectioner printin("Using Scanner with Strings");
| singleTestioner();
| uniquestion();
| uniquestion();
| keyboardImput.close();
|



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