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Java Program to Print an Integer (Entered by the User)

In this program, you'll learn to print a number entered by the user in Java. The integer is stored in a variable using `System.in`, and is displayed on the screen using `System.out`.

To understand this example, you should have the knowledge of the following [Java programming](#) (</java-programming>) topics:

- [Java Hello World Program](/java-programming/hello-world) (</java-programming/hello-world>).
- [Java Basic Input and Output](/java-programming/basic-input-output) (</java-programming/basic-input-output>)

Example: How to Print an Integer entered by an user

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```
// Creates a reader instance which takes
// input from standard input - keyboard
Scanner reader = new Scanner(System.in);
System.out.print("Enter a number: ");

// nextInt() reads the next integer from the keyboard
int number = reader.nextInt();

// println() prints the following line to the output screen
System.out.println("You entered: " + number);
}
```

Output

```
Enter a number: 10
You entered: 10
```

In this program, an object of `Scanner` class, `reader` is created to take inputs from standard input, which is `keyboard`.


Then, `Enter a number` prompt is printed to give the user a visual cue as to what they should do next.


`reader.nextInt()` then reads all entered integers from the keyboard unless it encounters a new line character `\n (Enter)`. The entered integers are then saved to the integer variable `number`.

If you enter any character which is not an integer, the compiler will throw an `InputMismatchException`.

Finally, `number` is printed onto the standard output (`System.out`) - computer screen using the function `println()`.

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