```java
//from ReadInt.java
Scanner input = new Scanner(System.in);
System.out.println("Please enter a number.");

while(!input.hasNextInt())
{
    System.out.println("That was not a number. Please enter a number.");
    input.nextLine(); //throw away whatever they typed. We know it is not an integer.
}

//We know the user has put in an integer
int number = input.nextInt();
System.out.printf("You typed: %d \n", number);
```

prompt

static method implementation:
- String prompt : parameter
- return number
- Scanner input as a parameter

non-static method
- String prompt parameter
- return number
- Scanner input : instance variable

Input Checker
    getNextInt   ←— test ✓
    getNextDouble ← test

test program
    input
    1 ↵
    w ↵
    3.5 ↵

Scanner

nextInt

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