

# Examples

the following code reads integers from the keyboard and computes a running total

```
import java.util.Scanner;

class Main {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        int x = -1;
        int sum = 0;
        while (x != 0) {
            System.out.println("Please insert a word");
            x = Integer.parseInt(input.nextLine());
            if (x <= 0) {
                continue;
            }
            System.out.println("Adding " + x);
            sum += x;
        }
        System.out.println(sum);
    }
}
```

# Examples

you want to know if a word contains the letter 'a', and you don't remember that there is a Java String method to do that. You only remember the String charAt(int index) method...

```
import java.util.Scanner;

class Main {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Please insert a word");
        String str = input.nextLine();
        int strLength = str.length();
        char theLetter = 'a';
        boolean containsTheLetter = false;
        for(int i = 0; i < strLength; i++){
            if(str.charAt(i) == theLetter){
                containsTheLetter = true;
                break;
            }
        }
        System.out.println(containsTheLetter);
    }
}
```