

```
//Nathan DeGarmo
import java.io.*;
class SumToNApplication {
    public static void main(String [] args) {
        int n = 0;
        BufferedReader buffer = new BufferedReader(new InputStreamReader(System.in)) ;
        System.out.print("Please enter an integer: ");
        int k = 1 ;
        int sum = 0 ;
        try {
            n = Integer.parseInt(buffer.readLine()) ;
        } catch(Exception e) {}
        while (k <= n) {
            sum = sum + k;
            k++;
        }
        System.out.println("The sum of 1 to " + n + " = " + sum) ;
    }
}
```