

```
1 //27. Create a program that computes the sum of the
  digits of an integer.
2 import java.util.Scanner;
3 public class SumOfDigitsCalculator {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.print("Enter an integer: ");
7         int n = sc.nextInt();
8         sc.close();
9
10        System.out.println("Sum of digits of " + n +
    " is: " + sumOfDigits(Math.abs(n)));
11    }
12
13    public static int sumOfDigits(int n) {
14        int sum = 0;
15        while (n > 0) {
16            sum += n % 10;
17            n /= 10;
18        }
19        return sum;
20    }
21 }
22
23
```