```java
1 //41. Create a program to calculate the absolute
  value of a given integer.
2 import java.util.Scanner;
3
4 public class AbsoluteValue {
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         System.out.print("Enter an integer: ");
8         int num = sc.nextInt();
9
10         int abs = (num < 0) ? -num : num;
11         System.out.println("Absolute value: " + abs);
12     }
13 }
14
15
```