1 **import** javax.swing.\*;

2

3 **public** **class** ParsingNumerics

4 {

5 pub**l**ic **static** **void** main(String[] args)

6 {

7 String input;

8 String[] tokens;

9 **double** sum = 0;

10 String numerics = "";

11

12 input = JOptionPane.showInputDialog("Enter a String containing " +

13 "numerics");

14 tokens = input.split(" +");

15 **for**(**int** i = 0; i<tokens.length; i++)

16 {

17 **try**

18 {

19 sum = sum + Double.parseDouble(tokens[i]); **//only numeric added**

20 numerics = numerics + tokens[i] + " + "; **//build output string**

21 }

22 **catch**(NumberFormatException e) **//non-numeric**

23 {

24 **//prevents termination of application when exception is thrown**

25 }

26 } **//replace the last plus sign with an equals and produce the output**

27 numerics = numerics.substring(0, numerics.length() - 2) + "= ";

28 JOptionPane.showMessageDialog(null, numerics + sum);

29 }

30 }

**Figure 10.8 The application ParsingNumerics.**