```java
1 /*Exp10_pl1 Aim:Write a program to perform division of two numbers accepted from user. Handle
  the
5 package pkg3;
6 import java.io.BufferedReader;
9 public class DivisionCalculator {
10     public static void main(String[] args) {
11         System.out.println("~A CODE BY KASHISH GUPTA");
12         BufferedReader reader = new BufferedReader(new InputStreamReader(System.in));
13         try {
14     System.out.print("Enter the first number (dividend): ");
15     String input1 = reader.readLine();
16     double dividend = Double.parseDouble(input1);
17     System.out.print("Enter the second number (divisor): ");
18     String input2 = reader.readLine();
19     double divisor = Double.parseDouble(input2);
20     try {
21         double result = dividend / divisor;
22         System.out.println("Result: " + result);
23     }
24     catch (ArithmeticException e) {
25         System.out.println("Error: Division by zero is not allowed.");              }
26     }
27     catch (IOException e) {
28     System.out.println("Error: An input/output error occurred.");
29     }
30     catch (NumberFormatException e) {
31     System.out.println("Error: Invalid input. Please enter numeric values.");
32     }
33     }
34 }
35
```