**8.7- Exercise – Exce**

**Exercise**

Enhance Exception Handling and Add a finally Block

**Task**

1. Modify the Exce class to include a finally block that prints "End of exception handling." regardless of whether an exception occurs.
2. Add user input to get the value of d using Scanner and handle potential exceptions using a try-catch-finally block.
3. Ensure that the program prompts for input and divides 42 by d, handling any ArithmeticException and using finally to display the end message.

**Hints**

* Import java.util.Scanner to accept user input.
* Use try-catch-finally to handle ArithmeticException when d is 0.
* In the catch block, print an appropriate error message.
* In the finally block, print "End of exception handling."

**Explanation**

This exercise emphasizes the use of the finally block, which is guaranteed to execute whether an exception is thrown or not. It also introduces handling user input and exception handling together, reinforcing robust error management and understanding the lifecycle of try-catch-finally in Java.