Exception Handling

In this activity you are expected to develop & submit the developed code by testing it.

Exception handling is essential in any software application to gracefully manage and recover from unexpected errors or issues during runtime. In Salesforce Apex, you can use try-catch blocks to handle exceptions and ensure the smooth execution of your code. Here's an example of how to implement exception handling in a property management application using Salesforce:

```
// Class Description: This class demonstrates exception handling in Salesforce


public class ExceptionHandlingExample {


    // Method to demonstrate exception handling
    public static void handleExceptions() {
        try {
            Integer[] numbers = new Integer[3];
            // Attempting to access an index that is out of bounds
            System.debug('Accessing an element at index 5: ' + numbers[5]);
        } catch (ListException e) {
            // Handling specific List exceptions
            System.debug('List exception caught: ' + e.getMessage());
        } catch (Exception e) {
            // Handling generic exceptions
            System.debug('Generic exception caught: ' + e.getMessage());
        } finally {
            // Optional finally block for cleanup or final operations
            System.debug('Finally block executed');
        }
    }
}
```