Problem 1: Exception Handling in Java.

```
X Welcome
                                                        J ExceptionHandling.java 1 ×
public class ExceptionHandling {
         1
         2
                                      Run | Debug
         3
                                      public static void main(String[] args) {
         4
                                                     int arr[] = \{1,2,2,4,5\};
         5
         6
                                                     System.out.println(arr[10]);
         7
         8
                                                     catch(Exception e){
         9
                                                     System.out.println("Here is an Error=> " +e);
      10
      11
                                                     finally{
      12
                                                                   System.out.println(x:"I am last Line.");
      13
      14
      15
                                        OUTPUT
                                                                           DEBUG CONSOLE
  PS C:\Users\sobha> & 'C:\Program Files\Eclipse Adoptium\jdk-17.0.13.11-hotspot\bin\java.exe' '-XX:
  \verb|s|\adaltocal| Temp| vscodesws_076c5 | jdt_ws | jdt.ls-java-project| bin' 'Exception Handling' | line | 
  Here is an Error=> java.lang.ArrayIndexOutOfBoundsException: Index 10 out of bounds for length 5
  I am last Line.
  PS C:\Users\sobha>
```