1. Remove the error by rearranging the following code.

```java
public class ExceptionHandling
{
    public static void main(String[] args)
    {
        try
        {
            int arr[]={4,4,5};
            arr[6]=90;
        }

        catch(IndexOutOfBoundsException ex)
        {
            System.out.println("Index out of bound");
        }

        catch(ArrayIndexOutOfBoundsException ex)
        {
            System.out.println("Array Index out of bound");        }
    }
}
```

2. NDVI is calculated by using red band and Infrared band reflectance. It is used to identify different kind of vegetation.

```
Image A (red band) = [   3        15        54        16
                        54        23        21        75
                         0         3        51         0
                        23         0        43        98]
Image B (Infrared band) = [   15        19        66        58
                              13        87        11        13
                               0        19        86        95
                               3         0        57        99]
```

NDVI Image C (of the same size, A) is generated by calculating NDVI for each pixel using the formula =(Infrared-Red)/ (Infrared + Red)
Use a method to calculate NDVI and catch the exception.

3. Write a method to divide two user entered numbers, Use 'throws' to handle the exception. Please make two different classes.(Class 1 should contain the method and Class 2 will contain the main method from which it will be called)

4. Take user input in a fixed size of integer array (size =5). Use 'throw' to generate an exception of data type and size. Use 'finally' block to display the array.