4. Write a program in Java to demonstrate try and catch

```java
package javaFsd2;

import java.util.Scanner;

public class tryCatch {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int a=10;
        int b=0;
        try {
          int arr[]=null;
            System.out.println(arr[1]);
            int c=a/b;

        }
        catch(ArithmeticException e)
        {
        System.out.println("Arithmetic error occur");
            }
        catch(NullPointerException e)
        {
            System.out.println("Nullpointer error occur");
        }
        catch(Exception e)
        {
            System.out.println("occured");
        }
```

```java
        finally {
                System.out.println("finally block");
            }
        }


    }
```

Output

```
Nullpointer error occur
finally block
```