```java
import java.util.Scanner;

class TestFinallyBlock{
  void TryCatchFinally(int data, boolean value){
  try{
    if(value)
      data/=0;
          else{
            data%= 10;
            System.out.println("Mod of value: " + data);
                      }
    int arr[]={1,4,8};
    arr[9]=6;
  }
  catch(ArithmeticException e){
    System.out.println("Error:Divide by zero not allowed");
        }
  catch(ArrayIndexOutOfBoundsException e){
    System.out.println("Error:Array index out of bound");
  }
  finally{
    System.out.println("finally block is always executed");
  }
  System.out.println("rest of the code...");
  }
}
class TestThrow{
  void validate(int age){
        try{
    if(age<18)
      throw new ArithmeticException("Using Throw KeyWord ");
    else
      System.out.println("welcome to vote");
   }
        catch(ArithmeticException e){
          System.out.println("Caught: " + e.getClass()+ e);
              }
      }}
class TestThrows{
  void throws1() throws IllegalAccessException{
    System.out.println("Entered in throws1");
    throw new IllegalAccessException("Testing..");
  }
  void test(){
    try{
      System.out.println("Before throws1");
      throws1();
    }
    catch(IllegalAccessException e){
      System.out.println("Caught: "+e);
```

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      }
   }}

class Main {
   public static void main(String[] args) {
         System.out.println("Try Catch Finally......");
   TestFinallyBlock te = new TestFinallyBlock();
         te.TryCatchFinally(10, true);
         System.out.println("\n");
         te.TryCatchFinally(10, false);
         System.out.println("\n");
         System.out.println("Throw keyword....");
         TestThrow user = new TestThrow();
         user.validate(17);
         user.validate(20);
         System.out.println("\n");
         System.out.println("Throws keyword....");
         TestThrows tt = new TestThrows();
         tt.test();
         }
}
   _____
Output:
Try Catch Finally......
Error:Divide by zero not allowed
finally block is always executed
rest of the code...

Mod of value: 0
Error:Array index out of bound
finally block is always executed
rest of the code...

Throw keyword....
Caught: class java.lang.ArithmeticException
Using Throw KeyWord
welcome to vote

Throws keyword....
Before throws1
Entered in throws1
Caught: java.lang.IllegalAccessException: Testing..
```