Program 4

package com.journaldev.exceptions;

import java.util.Scanner;

public class ArrayIndexOutOfBoundsExceptionExample {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter size of int array:");

int size = sc.nextInt();

int[] intArray = new int[size];

for (int i = 0; i < size; i++) {

System.out.println("Please enter int value at index " + i + ":");

intArray[i] = sc.nextInt();

}

System.out.println("Enter array index to get the value:");

int index = sc.nextInt();

sc.close();

System.out.println("Value at " + index + " = " + intArray[index]);

}

}