

Lab 06

```
public class Main {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter the size of the array: ");

        int size = scanner.nextInt();

        // Create a separate class to take user inputs and print array values

        MyArray myArray = new MyArray(size);

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

            System.out.print("Enter the value for index " + i + ": ");

            int value = scanner.nextInt();

            myArray.setElement(i, value);

        }

        myArray.printArray();

    }

}

class MyArray {
```

```
private int[] array;

public MyArray(int size) {
    array = new int[size];
}

public void setElement(int index, int value) {
    array[index] = value;
}

public void printArray() {
    for (int i = 0; i < array.length; i++) {
        System.out.print(array[i] + " ");
    }
}
}
```