



/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package chicaismq11;

import java.util.Arrays;

import java.util.Scanner;

/\*\*

\*

```

* @author qwe
*/
public class ChicaiaMQ11 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here

        int sum = 0;

        int[] array = new int[5];

        Scanner ent = new Scanner(System.in);

        for (int i = 0; i < 5; i++) {

            System.out.println("Enter the " + i + " number:");

            array[i] = ent.nextInt();

            sum += array[i];

        }

        for (int i = 0; i < 1; i++) {

            System.out.println("The sum total is: " + sum);

        }

        int n, s = 0, x;

        double p;

        Scanner teclado = new Scanner(System.in);

        System.out.println("Enter the 3 floating numbers:");

        n = teclado.nextInt();

        for (int i = 1; i <= 2; i++) {

            System.out.println("Elements [" + i + "]=");

            x = teclado.nextInt();

```

```
        s = s + x;
    }
    p = s / 2;

    System.out.println("The Average is:" + p);

    System.out.println("Enter the number:");

    int[] numbers = {12, 23, 34, 98, 87, 65, 0};
    int numberToSearch = n;

    if (searchNumber(numbers, numberToSearch)) {
        System.out.println("The number " + numberToSearch + " is on the list");
    } else {
        System.out.println("The number " + numberToSearch + " NOT on the list");
    }

}

private static boolean searchNumber(int[] numbers, int numberToSearch) {
    return Arrays.asList(numbers)
        .contains(numberToSearch);
}
}
```