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Main.java

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```
int oddSum = 0;

for (Integer number : numbers) {
    if (number % 2 == 0) {
        evenSum += number;
    } else {
        oddSum += number;
    }
}

Map<String, Integer> result = new HashMap<>();
result.put("evenSum", evenSum);
result.put("oddSum", oddSum);

return result;
}

public static void main(String[] args) {
    List<Integer> numbers = Arrays.asList(1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
    Map<String, Integer> sums = sumEvenOdd(numbers);

    System.out.println("Even Sum: " + sums.get("evenSum"));
    System.out.println("Odd Sum: " + sums.get("oddSum"));
}
```

Run

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Output

Clear

java -cp /tmp/nCmDERxR5a/SumEvenOdd
Even Sum: 30
Odd Sum: 25

--- Code Execution Successful ---

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Main.java

1 import java.util.List;
2
3 public class GenericSearch {
4
5 public static <T> int findIndex(List<T> list, T target) {
6
7 for (int i = 0; i < list.size(); i++) {
8
9 if (list.get(i).equals(target)) {
10 return i;
11 }
12 }
13 return -1;
14 }
15
16 public static void main(String[] args) {
17 List<String> stringList = List.of("apple", "banana", "cherry");
18 List<Integer> integerList = List.of(10, 20, 30, 40);
19
20
21 System.out.println(findIndex(stringList, "banana")); // Output: 1
22 System.out.println(findIndex(integerList, 30)); // Output: 2
23 System.out.println(findIndex(stringList, "orange")); // Output: -1
24 }
25 }
26

Run

Share

Output

Clear

java -cp ./tmp/nCmDERxR5a/SumEvenOdd
Even Sum: 30
Odd Sum: 25

--- Code Execution Successful ---

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