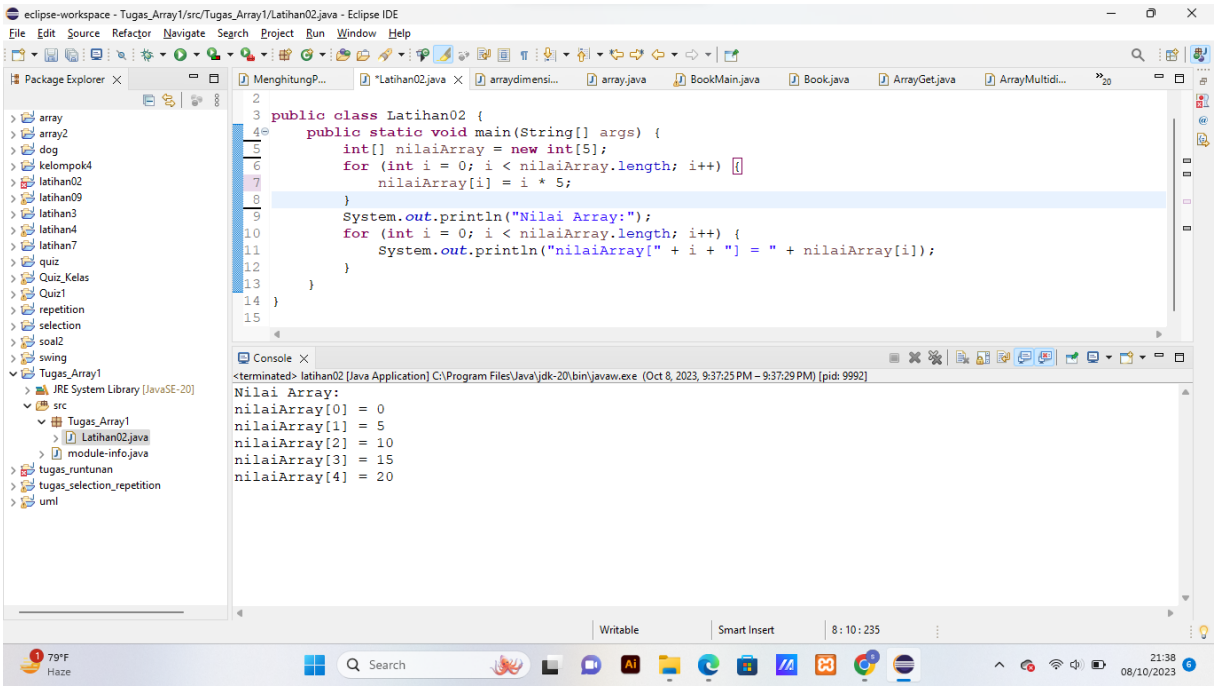
NAMA: SITI ROHMAH

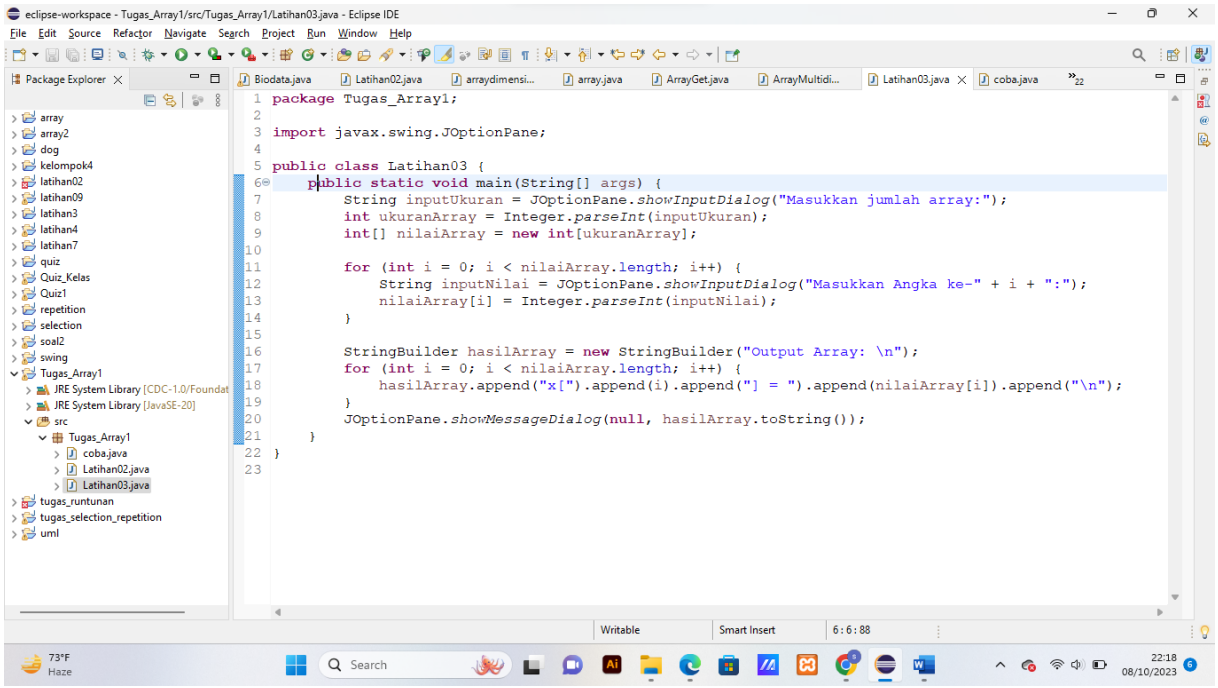
NPM: 222310054

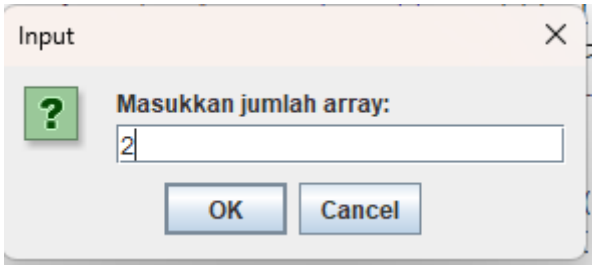
KELAS: TI-22-PB

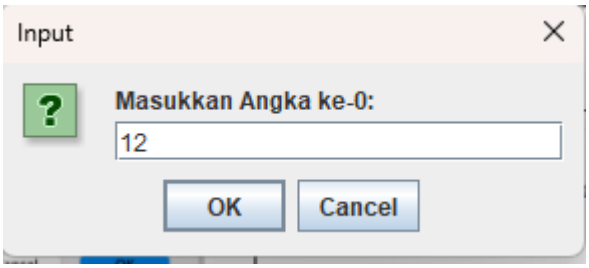
Latihan02

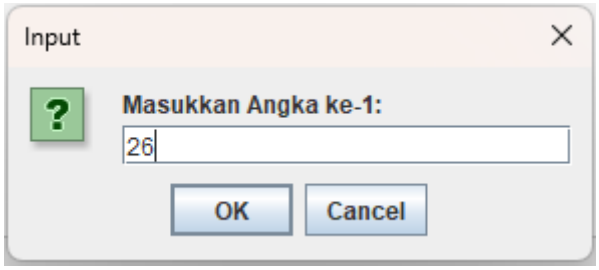


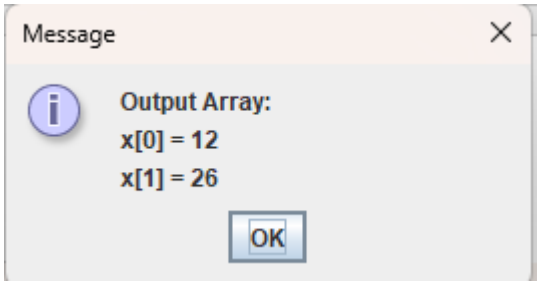
Latihan 03


eclipse-workspace - Tugas_Array1/src/Tugas_Array1/Latihan03.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Biodata.java
Latihan02.java
arraydimensi...
array.java
ArrayGet.java
ArrayMultidi...
Latihan03.java
coba.java
array
array2
dog
kelompok4
latihan02
latihan09
latihan3
latihan4
latihan7
quiz
Quiz_Kelas
Quiz1
repetition
selection
soal2
swing
Tugas_Array1
JRE System Library [CDC-1.0/Foundat
JRE System Library [JavaSE-20]
src
Tugas_Array1
coba.java
Latihan02.java
Latihan03.java
tugas_runtunan
tugas_selection_repetition
uml
1 package Tugas_Array1;
2
3 import javax.swing.JOptionPane;
4
5 public class Latihan03 {
6 public static void main(String[] args) {
7 String inputUkuran = JOptionPane.showInputDialog("Masukkan jumlah array:");
8 int ukuranArray = Integer.parseInt(inputUkuran);
9 int[] nilaiArray = new int[ukuranArray];
10
11 for (int i = 0; i < nilaiArray.length; i++) {
12 String inputNilai = JOptionPane.showInputDialog("Masukkan Angka ke-" + i + ":");
13 nilaiArray[i] = Integer.parseInt(inputNilai);
14 }
15
16 StringBuilder hasilArray = new StringBuilder("Output Array: \n");
17 for (int i = 0; i < nilaiArray.length; i++) {
18 hasilArray.append("x[").append(i).append("] = ").append(nilaiArray[i]).append("\n");
19 }
20 JOptionPane.showMessageDialog(null, hasilArray.toString());
21 }
22 }
23
Writable
Smart Insert
6 : 6 : 88
73°F
Haze
Search
22:18
08/10/2023

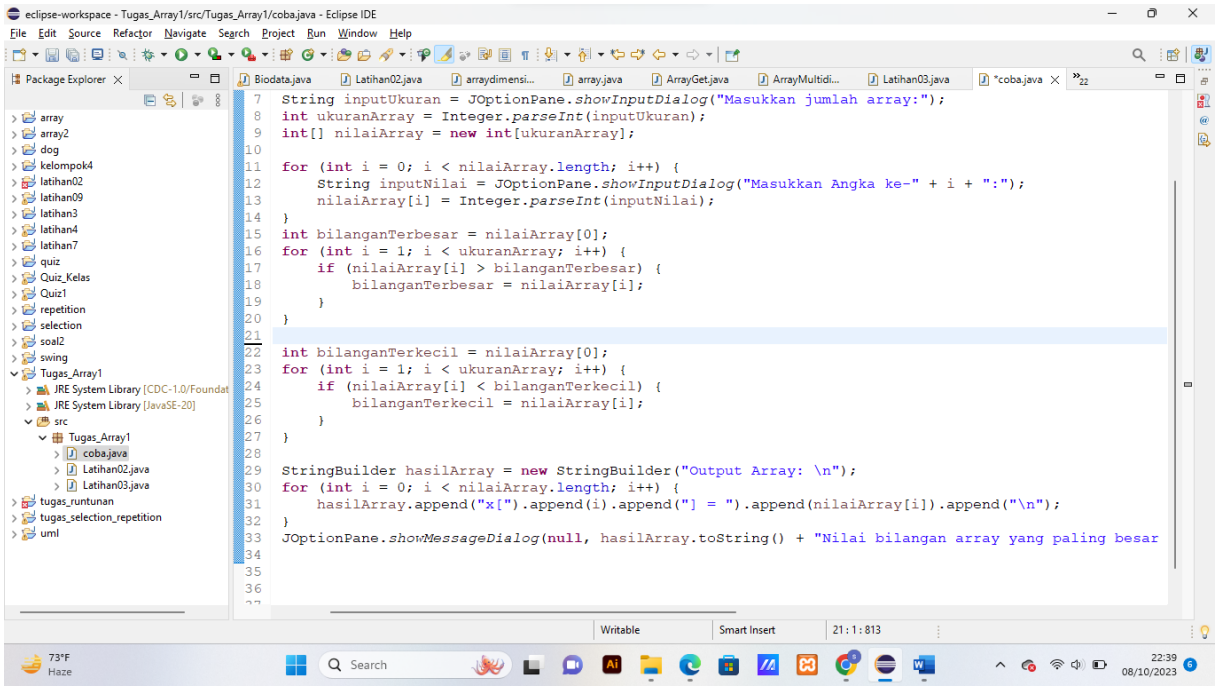

Input
Masukkan jumlah array:
2
OK
Cancel

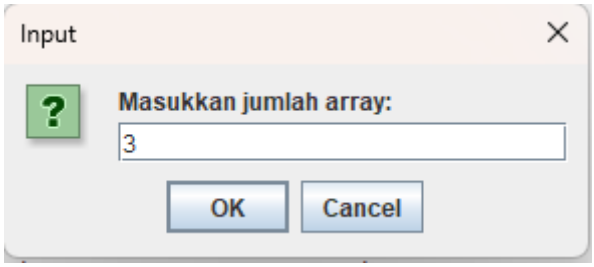

Input
Masukkan Angka ke-0:
12
OK
Cancel

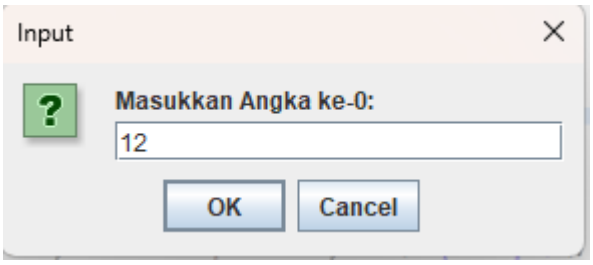

Input
Masukkan Angka ke-1:
26
OK
Cancel

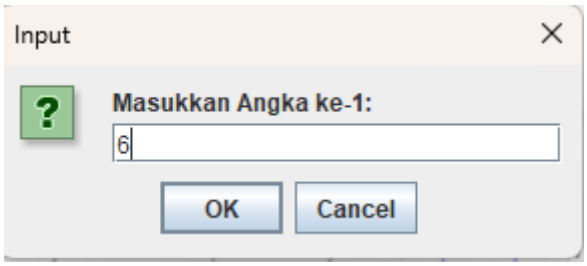

Message
Output Array:
x[0] = 12
x[1] = 26
OK

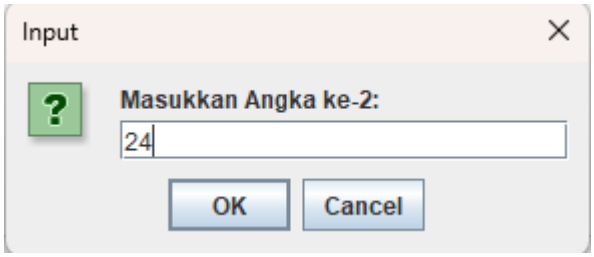
Latihan04

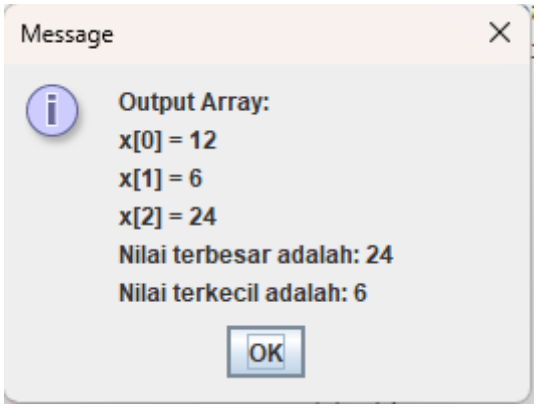




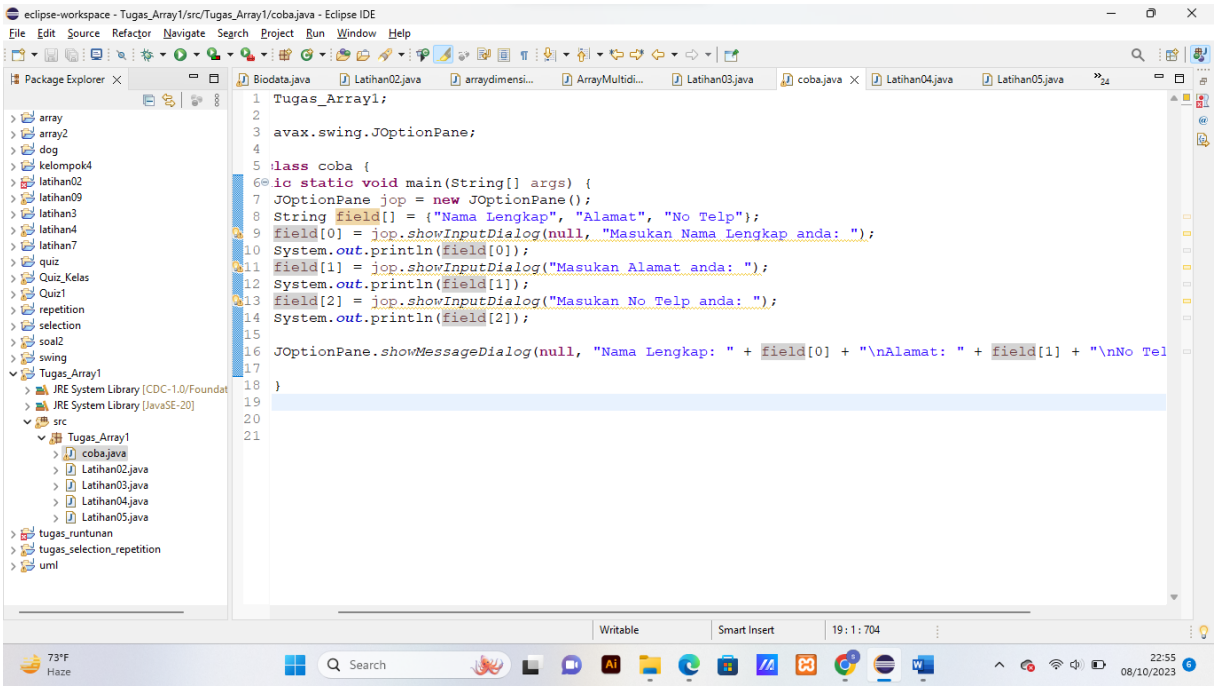


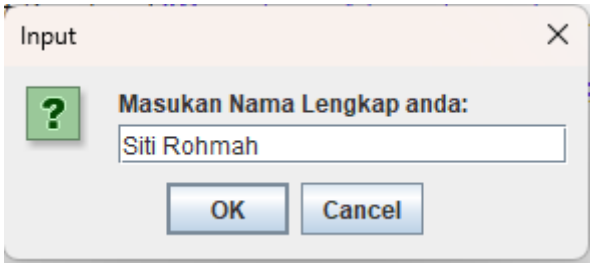


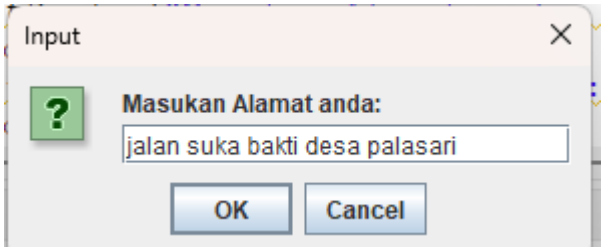


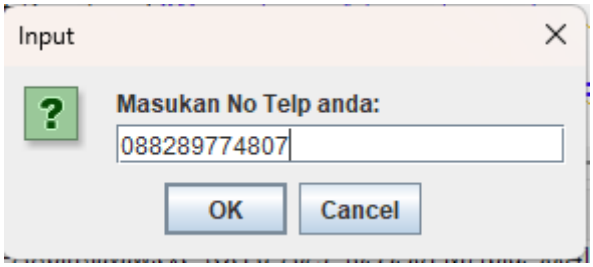


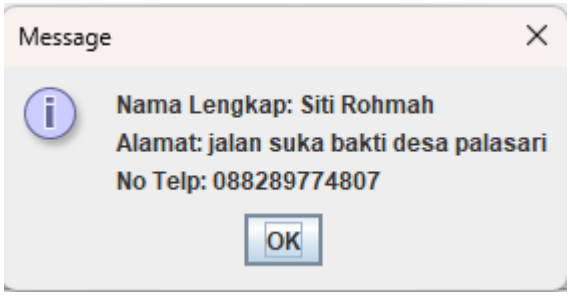
4Latihan05


eclipse-workspace - Tugas_Array1/src/Tugas_Array1/coba.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Biodata.java
Latihan02.java
arraydimensi...
ArrayMultidi...
Latihan03.java
coba.java
Latihan04.java
Latihan05.java
array
array2
dog
kelompok4
latihan02
latihan09
latihan3
latihan4
latihan7
quiz
Quiz_Kelas
Quiz1
repetition
selection
soal2
swing
Tugas_Array1
JRE System Library [CDC-1.0/Foundat
JRE System Library [JavaSE-20]
src
Tugas_Array1
coba.java
Latihan02.java
Latihan03.java
Latihan04.java
Latihan05.java
tugas_runtunan
tugas_selection_repetition
uml
1 Tugas_Array1;
2
3 avax.swing.JOptionPane;
4
5 lass coba {
6 ic static void main(String[] args) {
7 JOptionPane jop = new JOptionPane();
8 String field[] = {"Nama Lengkap", "Alamat", "No Telp"};
9 field[0] = jop.showInputDialog(null, "Masukan Nama Lengkap anda: ");
10 System.out.println(field[0]);
11 field[1] = jop.showInputDialog("Masukan Alamat anda: ");
12 System.out.println(field[1]);
13 field[2] = jop.showInputDialog("Masukan No Telp anda: ");
14 System.out.println(field[2]);
15
16 JOptionPane.showMessageDialog(null, "Nama Lengkap: " + field[0] + "\nAlamat: " + field[1] + "\nNo Tel
17
18 }
19
20
21
Writable
Smart Insert
19 : 1 : 704
73°F
Haze
Search
22:55
08/10/2023

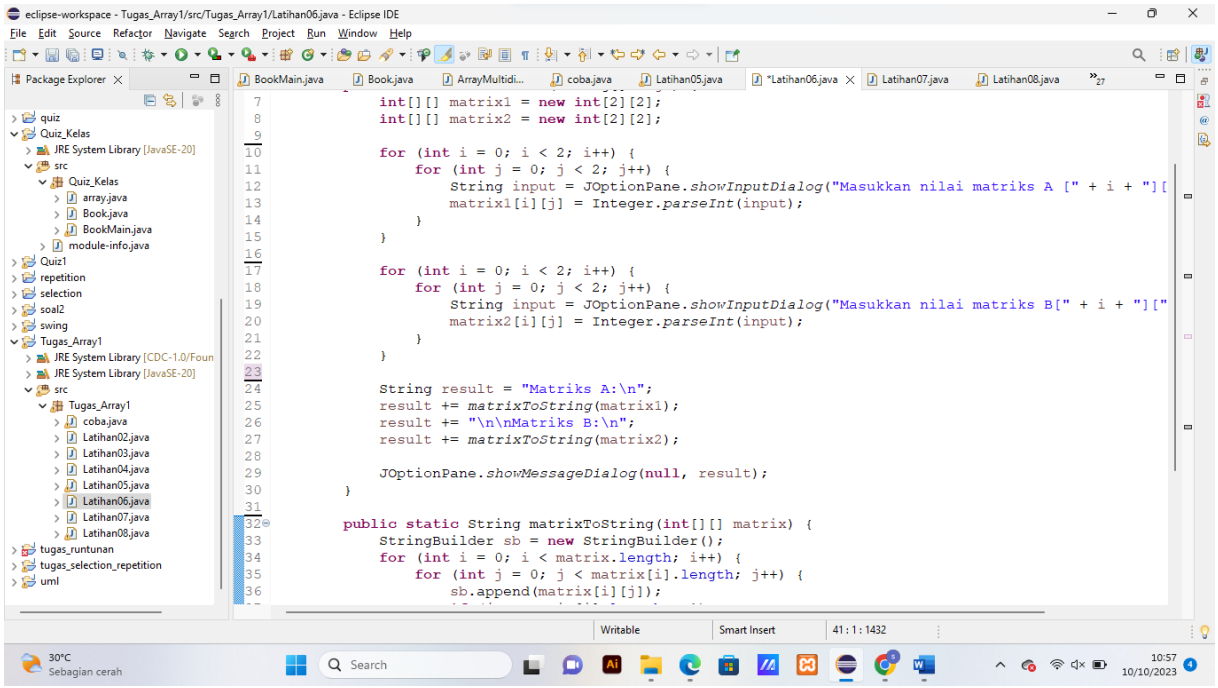

Input
Masukan Nama Lengkap anda:
Siti Rohmah
OK
Cancel

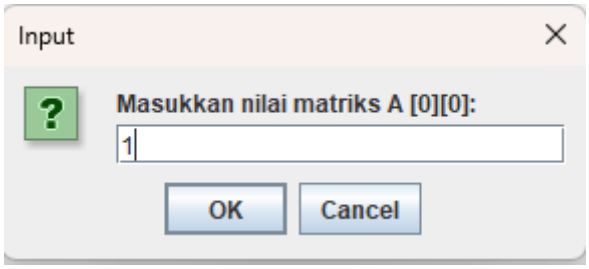

Input
Masukan Alamat anda:
jalan suka bakti desa palasari
OK
Cancel

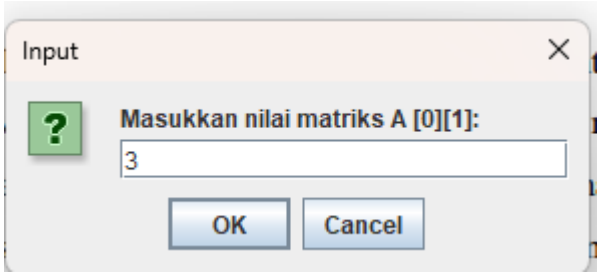

Input
Masukan No Telp anda:
088289774807
OK
Cancel

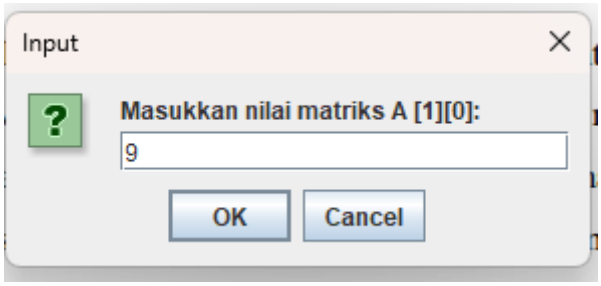

Message
Nama Lengkap: Siti Rohmah
Alamat: jalan suka bakti desa palasari
No Telp: 088289774807
OK

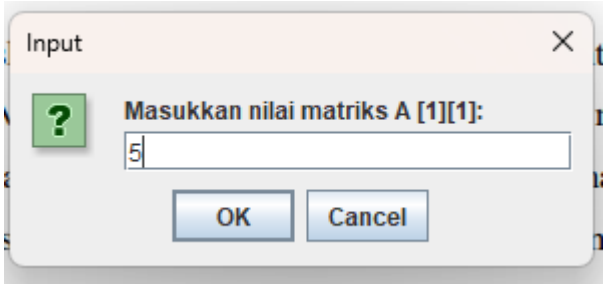
Latihan06

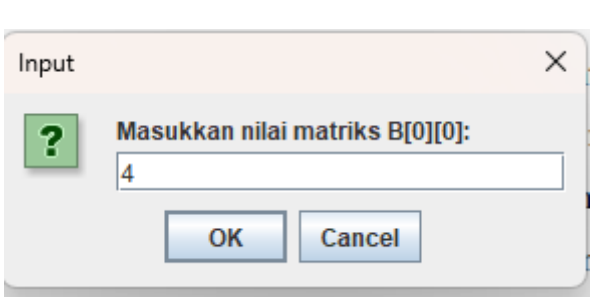

eclipse-workspace - Tugas_Array1/src/Tugas_Array1/Latihan06.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
BookMain.java Book.java ArrayMultidi... coba.java Latihan05.java *Latihan06.java Latihan07.java Latihan08.java
quiz
Quiz_Kelas
JRE System Library [JavaSE-20]
src
Quiz_Kelas
array.java
Book.java
BookMain.java
module-info.java
Quiz1
repetition
selection
soal2
swing
Tugas_Array1
JRE System Library [CDC-1.0/Foun
JRE System Library [JavaSE-20]
src
Tugas_Array1
coba.java
Latihan02.java
Latihan03.java
Latihan04.java
Latihan05.java
Latihan06.java
Latihan07.java
Latihan08.java
tugas_runtunan
tugas_selection_repetition
uml
int[][] matrix1 = new int[2][2];
int[][] matrix2 = new int[2][2];
for (int i = 0; i < 2; i++) {
for (int j = 0; j < 2; j++) {
String input = JOptionPane.showInputDialog("Masukkan nilai matriks A [" + i + "][
matrix1[i][j] = Integer.parseInt(input);
}
}
for (int i = 0; i < 2; i++) {
for (int j = 0; j < 2; j++) {
String input = JOptionPane.showInputDialog("Masukkan nilai matriks B[" + i + "]["
matrix2[i][j] = Integer.parseInt(input);
}
}
String result = "Matriks A:\n";
result += matrixToString(matrix1);
result += "\n\nMatriks B:\n";
result += matrixToString(matrix2);
JOptionPane.showMessageDialog(null, result);
}
public static String matrixToString(int[][] matrix) {
StringBuilder sb = new StringBuilder();
for (int i = 0; i < matrix.length; i++) {
for (int j = 0; j < matrix[i].length; j++) {
sb.append(matrix[i][j]);
Writable
Smart Insert
41 : 1 : 1432
30°C
Sebagian cerah
Search
10:57
10/10/2023

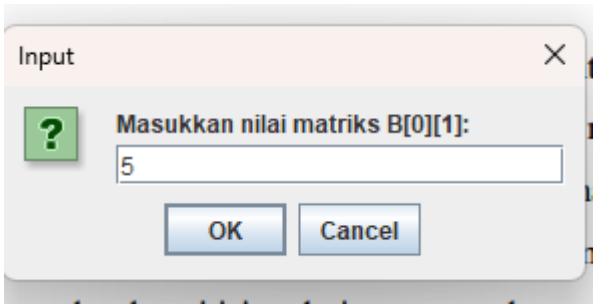

Input
Masukkan nilai matriks A [0][0]:
1
OK
Cancel

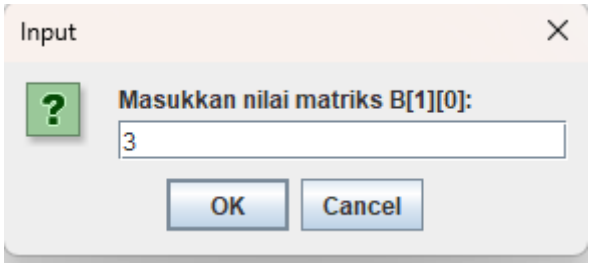

Input
Masukkan nilai matriks A [0][1]:
3
OK
Cancel

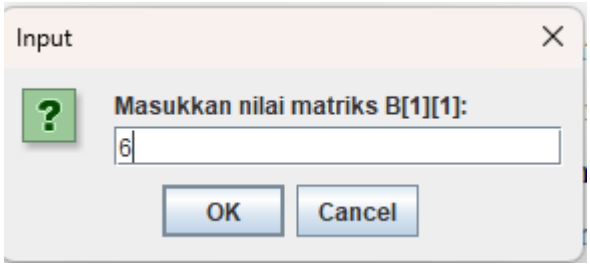

Input
Masukkan nilai matriks A [1][0]:
9
OK
Cancel

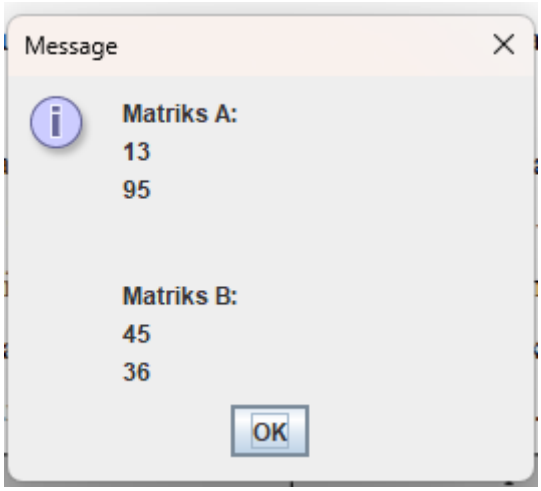

Input
Masukkan nilai matriks A [1][1]:
5
OK
Cancel


Input
Masukkan nilai matriks B[0][0]:
4
OK
Cancel

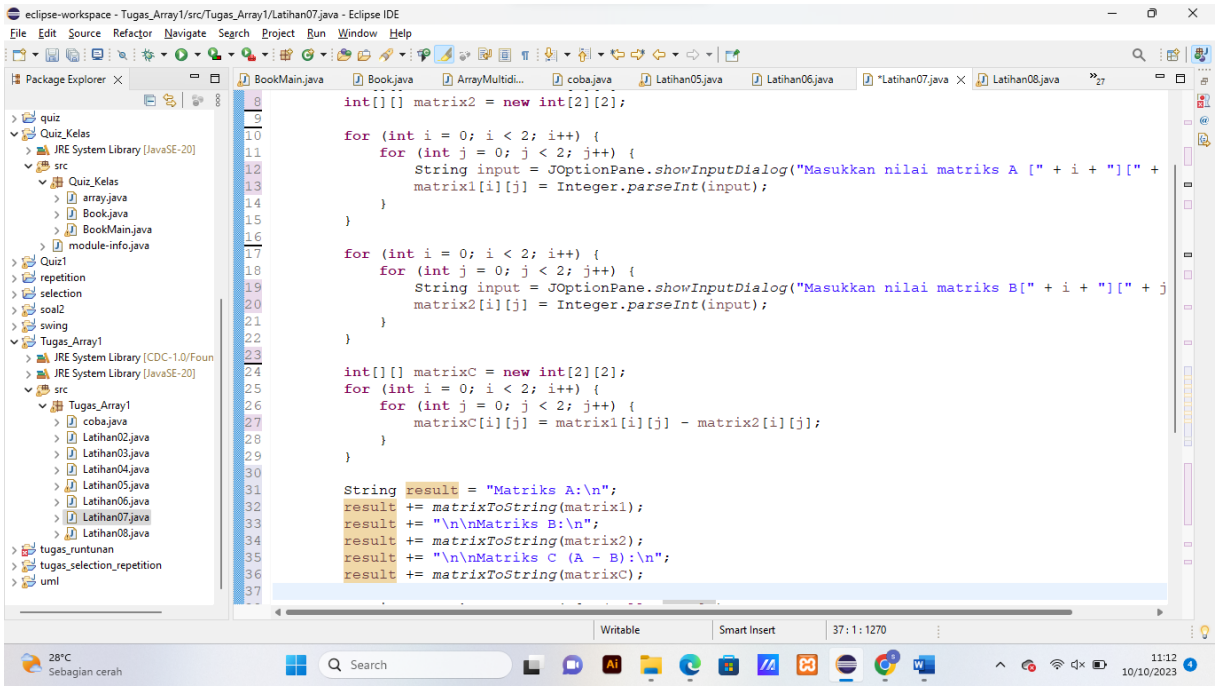

Input
Masukkan nilai matriks B[0][1]:
5
OK
Cancel

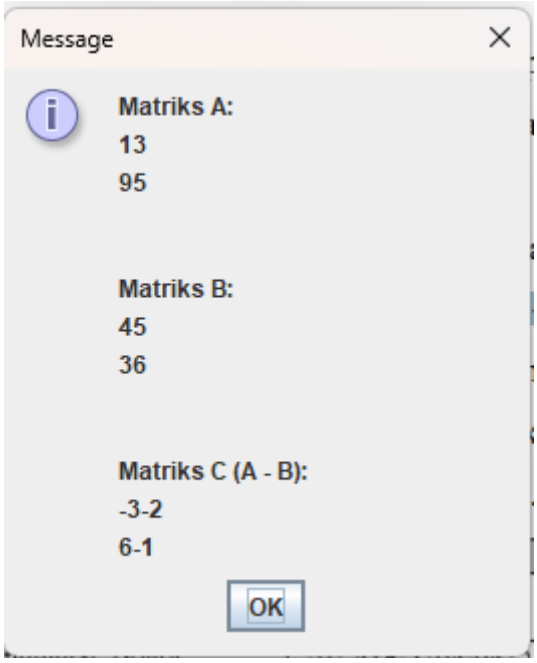

Input
Masukkan nilai matriks B[1][0]:
3
OK
Cancel


Input
Masukkan nilai matriks B[1][1]:
6
OK
Cancel

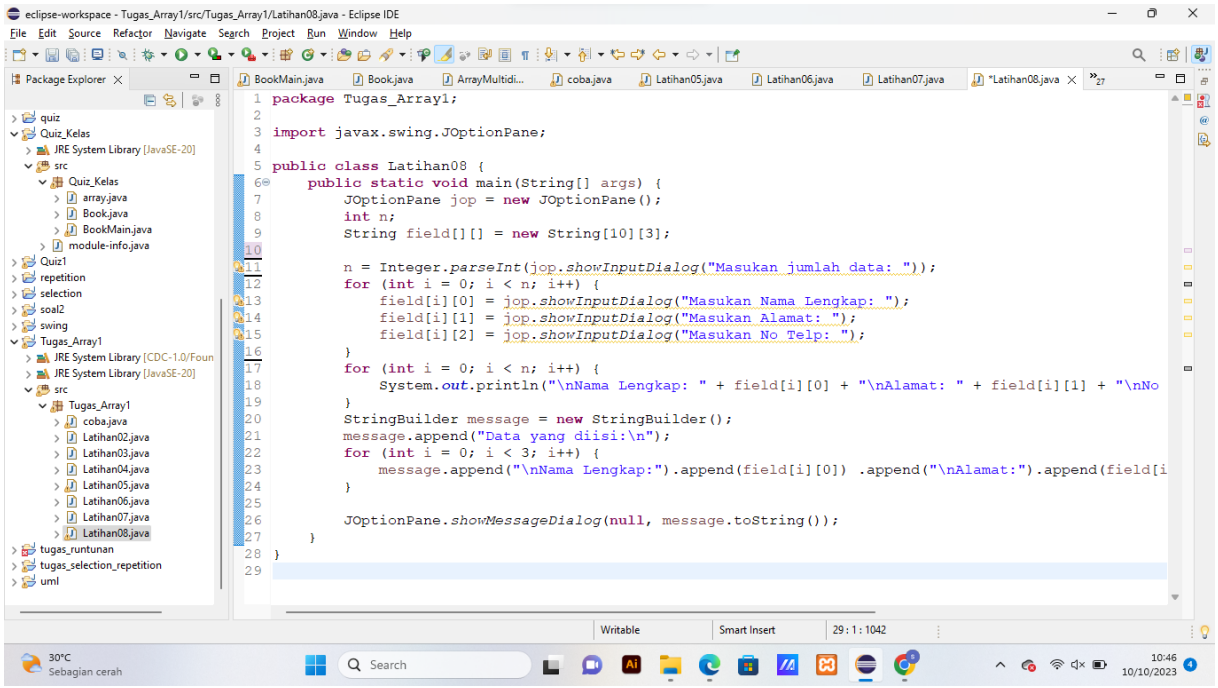

Message
Matriks A:
13
95
Matriks B:
45
36
OK

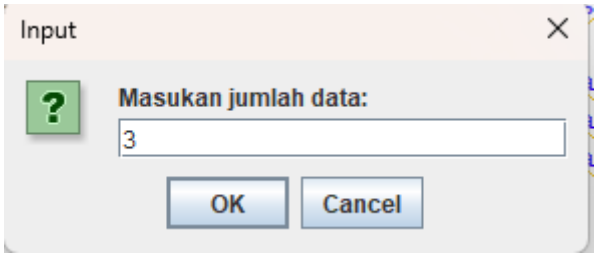
Latihan07


eclipse-workspace - Tugas_Array1/src/Tugas_Array1/Latihan07.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
BookMain.java
Book.java
ArrayMultidi...
coba.java
Latihan05.java
Latihan06.java
*Latihan07.java
Latihan08.java
quiz
Quiz_Kelas
JRE System Library [JavaSE-20]
src
Quiz_Kelas
array.java
Book.java
BookMain.java
module-info.java
Quiz1
repetition
selection
soal2
swing
Tugas_Array1
JRE System Library [CDC-1.0/Foun
JRE System Library [JavaSE-20]
src
Tugas_Array1
coba.java
Latihan02.java
Latihan03.java
Latihan04.java
Latihan05.java
Latihan06.java
Latihan07.java
Latihan08.java
tugas_runtunan
tugas_selection_repetition
uml
int[][] matrix2 = new int[2][2];
for (int i = 0; i < 2; i++) {
for (int j = 0; j < 2; j++) {
String input = JOptionPane.showInputDialog("Masukkan nilai matriks A [" + i + "][" +
matrix1[i][j] = Integer.parseInt(input);
}
}
for (int i = 0; i < 2; i++) {
for (int j = 0; j < 2; j++) {
String input = JOptionPane.showInputDialog("Masukkan nilai matriks B[" + i + "][" + j
matrix2[i][j] = Integer.parseInt(input);
}
}
int[][] matrixC = new int[2][2];
for (int i = 0; i < 2; i++) {
for (int j = 0; j < 2; j++) {
matrixC[i][j] = matrix1[i][j] - matrix2[i][j];
}
}
String result = "Matriks A:\n";
result += matrixToString(matrix1);
result += "\n\nMatriks B:\n";
result += matrixToString(matrix2);
result += "\n\nMatriks C (A - B):\n";
result += matrixToString(matrixC);
Writable
Smart Insert
37 : 1 : 1270
28°C
Sebagian cerah
Search
11:12
10/10/2023


Message
Matriks A:
13
95
Matriks B:
45
36
Matriks C (A - B):
-3-2
6-1
OK

Latihan08


eclipse-workspace - Tugas_Array1/src/Tugas_Array1/Latihan08.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
BookMain.java Book.java ArrayMultidi... coba.java Latihan05.java Latihan06.java Latihan07.java *Latihan08.java
quiz
Quiz_Kelas
JRE System Library [JavaSE-20]
src
Quiz_Kelas
array.java
Book.java
BookMain.java
module-info.java
Quiz1
repetition
selection
soal2
swing
Tugas_Array1
JRE System Library [CDC-1.0/Foun
JRE System Library [JavaSE-20]
src
Tugas_Array1
coba.java
Latihan02.java
Latihan03.java
Latihan04.java
Latihan05.java
Latihan06.java
Latihan07.java
Latihan08.java
tugas_runtunan
tugas_selection_repetition
uml
1 package Tugas_Array1;
2
3 import javax.swing.JOptionPane;
4
5 public class Latihan08 {
6 public static void main(String[] args) {
7 JOptionPane jop = new JOptionPane();
8 int n;
9 String field[][] = new String[10][3];
10
11 n = Integer.parseInt(jop.showInputDialog("Masukan jumlah data: "));
12 for (int i = 0; i < n; i++) {
13 field[i][0] = jop.showInputDialog("Masukan Nama Lengkap: ");
14 field[i][1] = jop.showInputDialog("Masukan Alamat: ");
15 field[i][2] = jop.showInputDialog("Masukan No Telp: ");
16 }
17 for (int i = 0; i < n; i++) {
18 System.out.println("\nNama Lengkap: " + field[i][0] + "\nAlamat: " + field[i][1] + "\nNo
19 }
20 StringBuilder message = new StringBuilder();
21 message.append("Data yang diisi:\n");
22 for (int i = 0; i < 3; i++) {
23 message.append("\nNama Lengkap:").append(field[i][0]) .append("\nAlamat:").append(field[i
24 }
25
26 JOptionPane.showMessageDialog(null, message.toString());
27 }
28 }
29
Writable Smart Insert 29 : 1 : 1042
30°C Sebagian cerah
Search
10:46 10/10/2023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3
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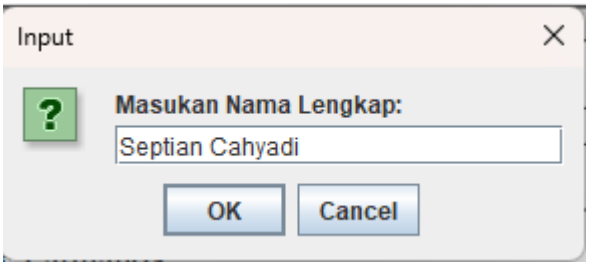
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Masukan Nama Lengkap:
Septian Cahyadi
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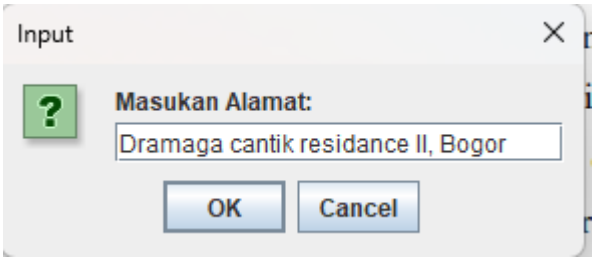
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Masukan Alamat:
Dramaga cantik residance II, Bogor
OK
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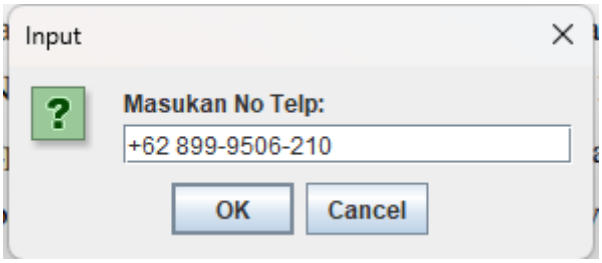
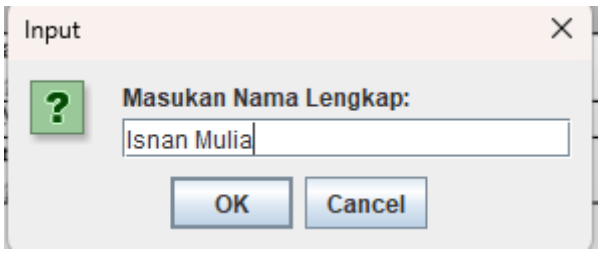

Input
Masukan No Telp:
+62 899-9506-210
OK
Cancel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Isnan Mulia
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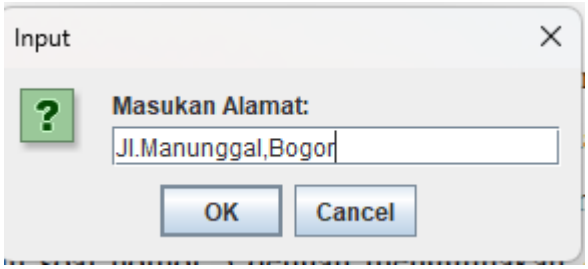
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Masukan Alamat:
Jl.Manunggal,Bogor
OK
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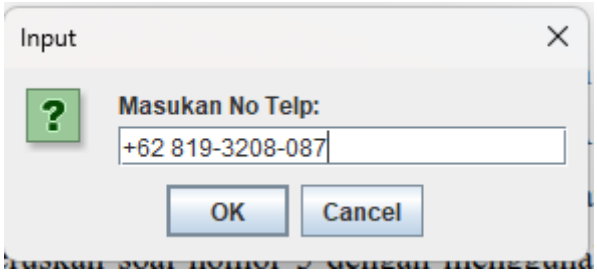
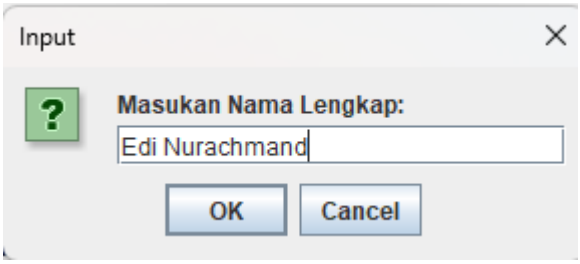

Input
Masukan No Telp:
+62 819-3208-087
OK
Cancel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Masukan Nama Lengkap:
Edi Nurachmand
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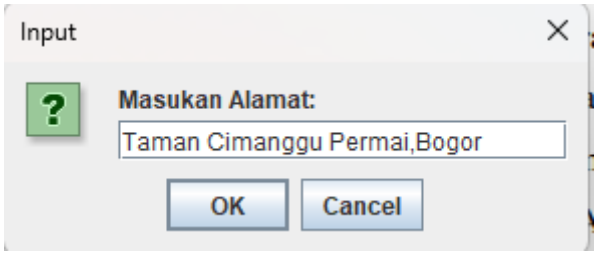
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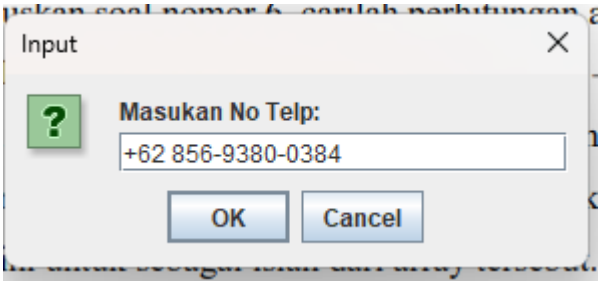
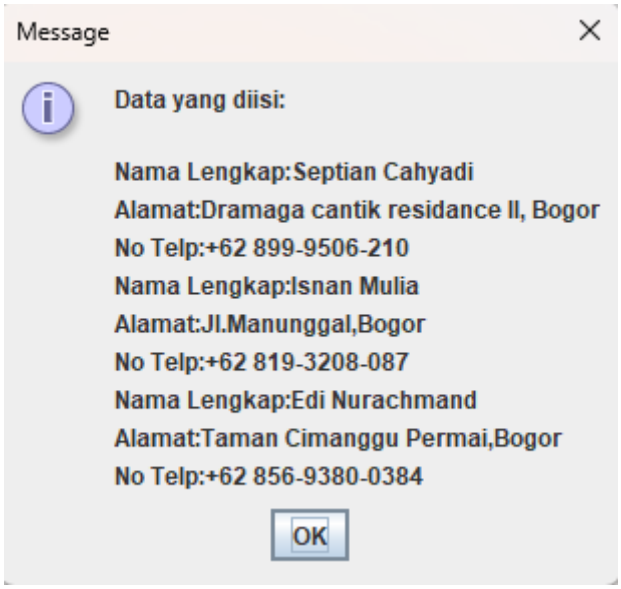
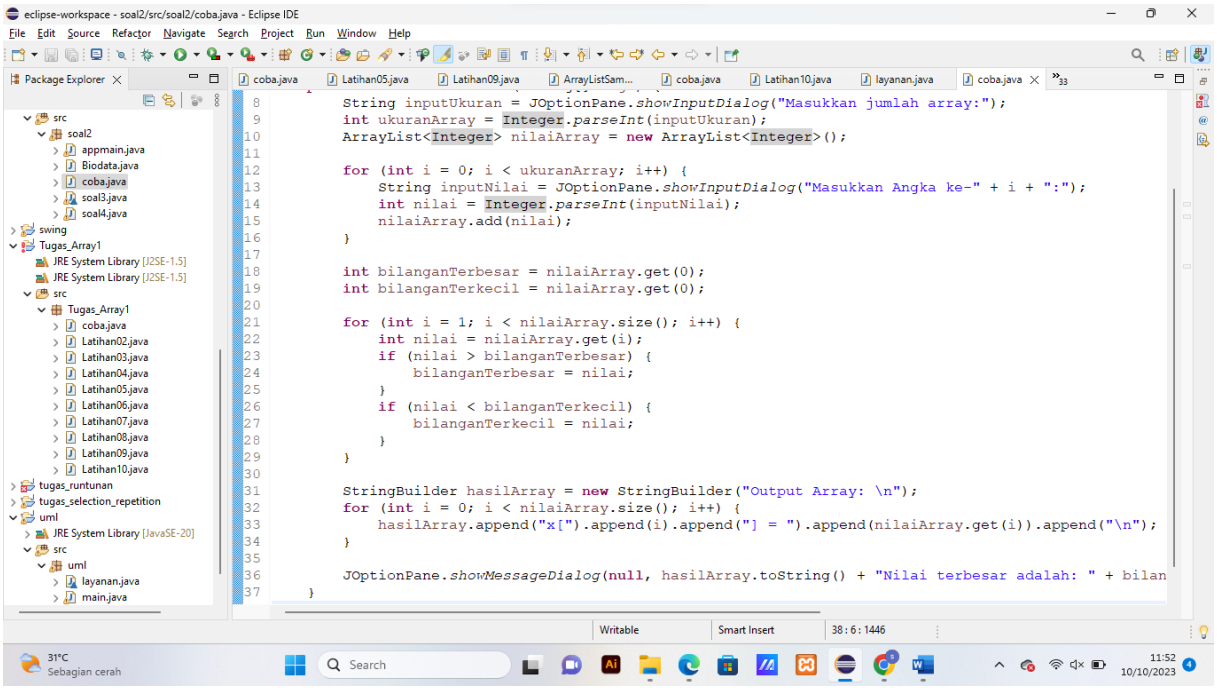
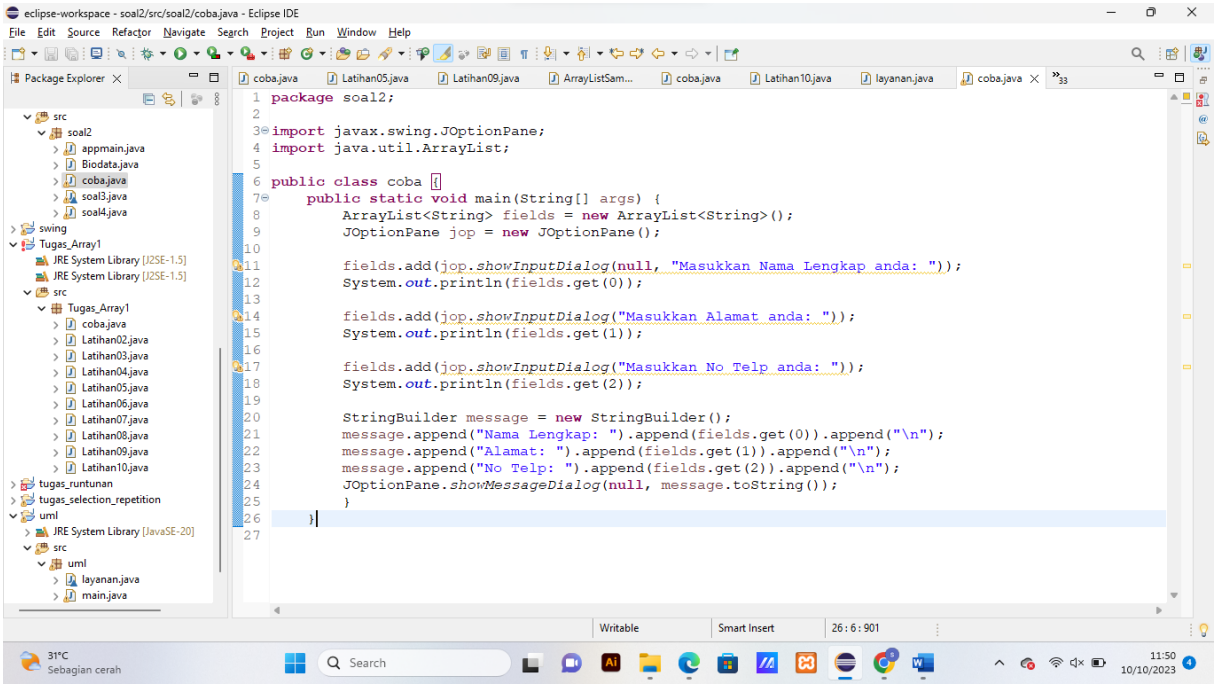
Masukan Alamat:
Taman Cimanggu Permai,Bogor
OK
Cancel


Input
Masukan No Telp:
+62 856-9380-0384
OK
Cancel


Message
Data yang diisi:
Nama Lengkap:Septian Cahyadi
Alamat:Dramaga cantik residance II, Bogor
No Telp:+62 899-9506-210
Nama Lengkap:Isnan Mulia
Alamat:Jl.Manunggal,Bogor
No Telp:+62 819-3208-087
Nama Lengkap:Edi Nurachmand
Alamat:Taman Cimanggu Permai,Bogor
No Telp:+62 856-9380-0384
OK

Latihan09



Latihan10