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Praktikum 4 Array

1. Hasil output soal nomor 2

```
Problems @ Javadoc Declaration Console ×
<terminated> Latihan02 (4) [Java Application] C:\Program
Angka [0] : 14
Angka [1] : 7
Angka [2] : 4
Angka [3] : 17
Angka [4] : 26
```

2. Hasil output soal nomor 3

Input

Masukkan Jumlah Array:

2

OK Cancel

Data Array ke-0

Masukkan Angka:

7

OK Cancel

Data Array ke-1

Masukkan Angka:

3

OK Cancel

Output Array

Angka [0] = 7
Angka [1] = 3

OK

3. Hasil output soal nomor 4

Input

Masukkan jumlah array:

3

OK Cancel

Data array ke-0

Masukkan angka:

14

OK Cancel

Data array ke-1

Masukkan angka:

5

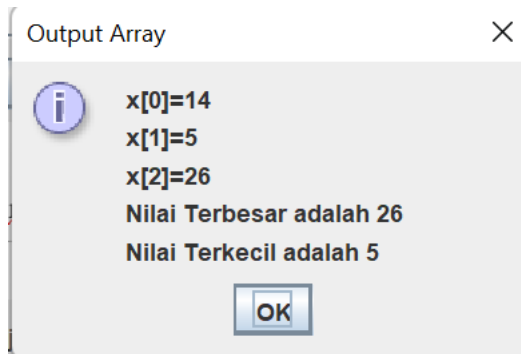
OK Cancel

Data array ke-2

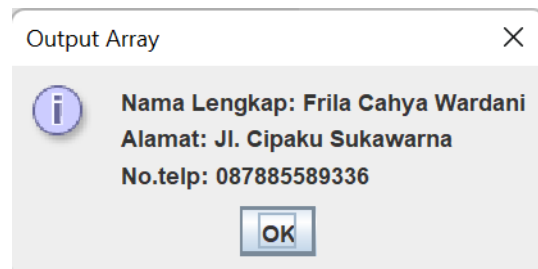
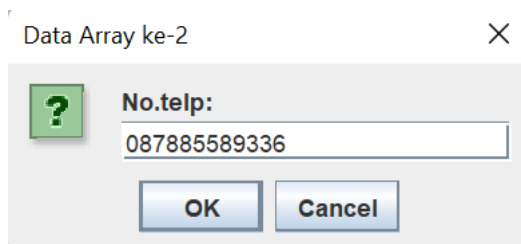
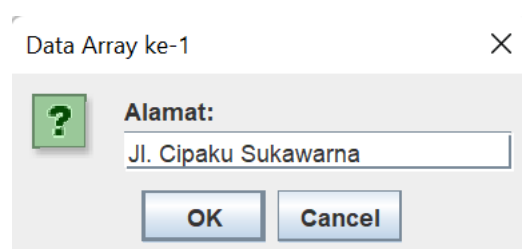
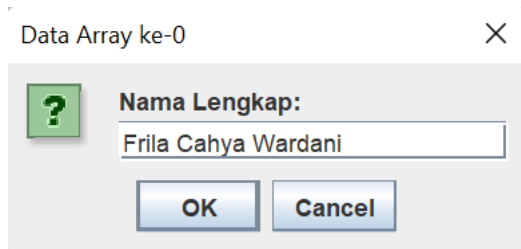
Masukkan angka:

26

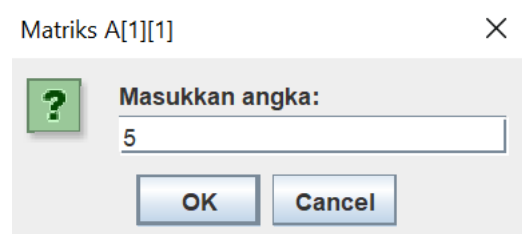
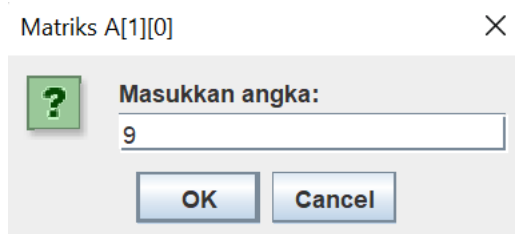
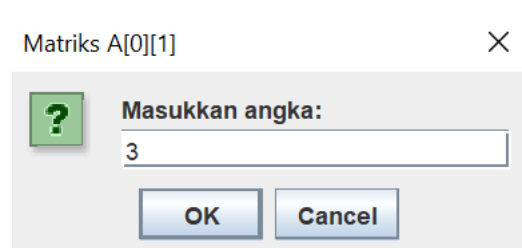
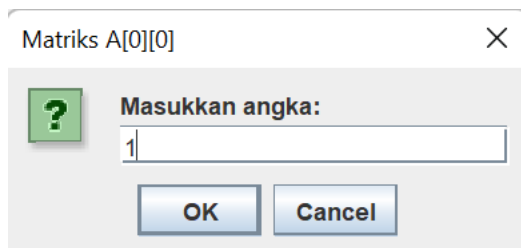
OK Cancel



4. Hasil output soal nomor 5



5. Hasil output soal nomor 6



Matriks B[0][0]

?

Masukkan angka:

4

OK

Cancel

Matriks B[0][1]

?

Masukkan angka:

5

OK

Cancel

Matriks B[1][0]

?

Masukkan angka:

3

OK

Cancel

Matriks B[1][1]

?

Masukkan angka:

6

OK

Cancel

Message

i

Matriks A:

1 3

9 5

Matriks B:

4 5

3 6

OK

6. Hasil output soal nomor 7

Message

i

Matriks A:

1 3

9 5

Matriks B:

4 5

3 6


Pengurangan Matriks:


-3 -2


6 -1


OK


7. Hasil output soal nomor 8


Data Array ke-[0][1]	
	Nama Lengkap: <input type="text" value="Septian Cahyadi"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	


Data Array ke-[1][1]	
	Alamat: <input type="text" value="Dramaga Cantik Residence II, Bogor"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	


Data Array ke-[2][1]	
	No. Telp: <input type="text" value="+62 899-9506-210"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	


Data Array ke-[0][2]	
	Nama Lengkap: <input type="text" value="Isnan Mulia"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

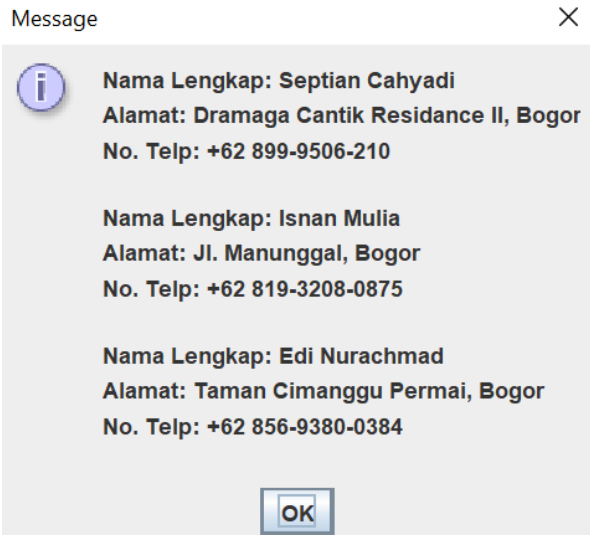
Data Array ke-[1][2]	
	Alamat: <input type="text" value="Jl. Manunggal, Bogor"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Data Array ke-[2][2]	
	No. Telp: <input type="text" value="+62 819-3208-0875"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Data Array ke-[0][3]	
	Nama Lengkap: <input type="text" value="Edi Nurachmad"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Data Array ke-[1][3]	
	Alamat: <input type="text" value="Taman Cimanggu Permai, Bogor"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Data Array ke-[2][3]	
	No. Telp: <input type="text" value="+62 856-9380-0384"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	



8. Codingan soal nomor 9

```

Latihan09.java × Latihan10.java
1 import java.util.ArrayList;
2
3
4 public class Latihan09 {
5     public static void main(String[] args) {
6         String out = "";
7         int jumlah = Integer.parseInt(JOptionPane.showInputDialog(null, "Masukkan jumlah array: ", "Input", JOptionPane.QUESTION_MESSAGE));
8         ArrayList<Integer> angka = new ArrayList<Integer>();
9         int max = 0;
10
11         for (int i = 0; i < jumlah; i++) {
12             int isi = Integer.parseInt(JOptionPane.showInputDialog(null, "Masukkan angka: ", "Data array ke-" + i, JOptionPane.QUESTION_MESSAGE));
13             angka.add(i, isi);
14             out += "x[" + i + "]=" + isi + "\n";
15             if (max < isi) {
16                 max = isi;
17             }
18         }
19         int min = max;
20         for (int j = 0; j < jumlah; j++) {
21             if (angka.get(j) < min) {
22                 min = angka.get(j);
23             }
24         }
25         out += "Nilai Terbesar adalah " + max + "\n";
26         out += "Nilai Terkecil adalah " + min + "\n";
27         JOptionPane.showMessageDialog(null, out, "Output Array", JOptionPane.INFORMATION_MESSAGE);
28     }
29 }

```

Hasil output sama dengan soal nomor 4

9. Codingan soal nomor 10

```

Latihan09.java × Latihan10.java ×
1 import java.util.ArrayList;
2
3
4 public class Latihan10 {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8         String out = "";
9         ArrayList<String> field = new ArrayList<String>();
10        field.add("Nama Lengkap: ");
11        field.add("Alamat: ");
12        field.add("No. Telp: ");
13        ArrayList<String> isi = new ArrayList<String>();
14
15        for (int i = 0; i < 3; i++) {
16            String in = JOptionPane.showInputDialog(null, field.get(i), "Data Array ke-" + i, JOptionPane.QUESTION_MESSAGE);
17            isi.add(in + "\n");
18            out += field.get(i) + isi.get(i);
19        }
20        JOptionPane.showMessageDialog(null, out, "Output Array", JOptionPane.INFORMATION_MESSAGE);
21    }
22
23 }

```

Hasil output sama dengan nomor 5