Muhammad Jiwa Islamutidar (241011401525)

01TPLP041

Pertemuan 19

Latihan 1 :


```cpp
//Muhammad Jiwa Islamutidar
//241011401525
//Pertemuan 19

#include <iostream>9
using namespace std;

int main () {
    int array [3][7] = {
    {1, 2, 3},
    {4, 5, 6}
    };

    for(int i = 0; i < 2; i++){
        for(int j = 0; j < 3; j++){
            printf("%d", array[i][j]);
        }
        printf("\n");
    }
}
```

```
123
456

-------------------------------------
Process exited after 0.5754 seconds with return value 0
Press any key to continue . . .
```

Latihan 2 :


```cpp
//Muhammad jiwa Islamutidar
//241011401525
//Pertemuan 19

#include <iostream>
using namespace std;

int main() {
    int matriks[3][3] = {
        {1, 2, 3},
        {4, 5, 6},
        {7, 8, 9}
    };

    for (int i = 0; i < 3; i++) {
        int jumlah = 0;
        for (int j = 0; j < 3; j++) {
            jumlah += matriks[i][j];
        }
        cout << "Jumlah Baris " << i + 1 << " : " << jumlah << endl;
    }

    return 0;
}
```

```
Jumlah Baris 1 : 6
Jumlah Baris 2 : 15
Jumlah Baris 3 : 24

-------------------------------------
Process exited after 0.4918 seconds with return value 0
Press any key to continue . . .
```

Latihan 3 :


```cpp
//Muhammad Jiwa Islamutidar
//241011401525
//Pertemuan 19

#include <iostream>
using namespace std;
int main() {
    int matriks[3][3];

    // Input elemen matriks
    for (int i = 0; i < 3; i++) {
        for (int j = 0; j < 3; j++) {
            cout << "Masukkan elemen untuk baris " << i + 1 << " kolom " << j + 1 << ": ";
            cin >> matriks[i][j];
        }
    }
    cout << "Matriks yang dimasukkan adalah:\n";
    for (int i = 0; i < 3; i++) {
        for (int j = 0; j < 3; j++) {
            cout << matriks[i][j] << " ";
        }
        cout << "\n";
    }
}
```

```
Masukkan elemen untuk baris 1 kolom 1: 1
Masukkan elemen untuk baris 1 kolom 2: 2
Masukkan elemen untuk baris 1 kolom 3: 3
Masukkan elemen untuk baris 2 kolom 1: 4
Masukkan elemen untuk baris 2 kolom 2: 5
Masukkan elemen untuk baris 2 kolom 3: 6
Masukkan elemen untuk baris 3 kolom 1: 7
Masukkan elemen untuk baris 3 kolom 2: 8
Masukkan elemen untuk baris 3 kolom 3: 9
Matriks yang dimasukkan adalah:
1 2 3
4 5 6
7 8 9

-------------------------------------
Process exited after 6.774 seconds with retur
n value 0
Press any key to continue . . .
```

Latihan 4 :

```
1    //Muhammad Jiwa Islamutidar
2    //241011401525
3    //Pertemuan 19
4
5    #include <iostream>
6    using namespace std;
7
8    int main() {
9        int arr[4][2] = {
10           {10, 11},
11           {20, 21},
12           {30, 31},
13           {40, 41}
14       };
15       int i, j;
16
17       cout << "Printing a 2D array:\n";
18       for (i = 0; i < 4; i++) {
19           for (j = 0; j < 2; j++) {
20               cout << "\t" << arr[i][j];
21           }
22           cout << endl;
23       }
24       return 0;
25   }
26
```

```
C:\Users\Jiwa\Documents\Co   ×   +   ∨

Printing a 2D array:
        10        11
        20        21
        30        31
        40        41


------------------------------------
Process exited after 0.5032 seconds with return value 0
Press any key to continue . . .
```

Latihan 5 :

```
1    //Muhammad Jiwa Islamutidar
2    //241011401525
3    //Pertemuan 19
4
5    #include <iostream>
6    using namespace std;
7
8    int main () {
9
10       int arr [4][2] = {
11       {1, 2},
12       {1, 2},
13       {1, 2},
14       {1, 2}
15       };
16
17       int i,j;
18
19       for(int i = 0; i < 4; i++) {
20           cout << "Row" << i << ": ";
21           for(int j = 0; j < 2; j++) {
22               cout << arr[i][j] << " ";
23           }
24           cout<< endl;
25   }
26   }
```

```
C:\Users\Jiwa\Documents\Co   ×   +   ∨

Row0: 1 2
Row1: 1 2
Row2: 1 2
Row3: 1 2


------------------------------------
Process exited after 0.5114 seconds with return value 0
Press any key to continue . . .
```