LAPORAN PRAKTEK

MATEMATIKA DISKRET

DISUSUN OLEH:

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KELAS C

PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS TEKNOLOGI INDUSTRI

UNIVERSITAS AHMAD DAHLAN

2022

```cpp
prak.cpp
1    #include <iostream>
2    using namespace std;
3
4    main(){
5        string a[] = {"changmin", "jaejoong"};
6        string b[] = {"f8291", "n4810","b0637"};
7        int c[] = {2, 3, 4};
8        int d[] = {2, 4, 8, 10, 12};
9        cout << "Hasil penggabungan a dan b : { " << endl;
10       for(int i=0; i<2;) {
11           for(int j=0; j<3; j++) {
12               cout << "(" + a[i] + "," + b[j] + ")";
13           }
14           i++;
15       }
16           cout << "}" << endl;
17       cout << "\n\nHasil himpunan c habis membagi d :\n{";
18       for( int k = 0 ; k < 3;){
19           for(int l = 0; l<5; l++){
20               if(d[l] % c[k] == 0){
21                   cout<<"("<<c[k]<<","<<d[l]<<"), ";
22               }
23           }
24               k++;
25       }
26       cout << "}\n";
27
28   }
```

Menuliskan program


```
E:\KULIAH\SEMUA PRAKTIK II\MTK DISKRET\Prak\2\prak.exe

Hasil penggabungan a dan b : {
(changmin,f8291)(changmin,n4810)(changmin,b0637)(jaejoong,f8291)(jaejoong,n4810)
(jaejoong,b0637)}


Hasil himpunan c habis membagi d :
{(2,2), (2,4), (2,8), (2,10), (2,12), (3,12), (4,4), (4,8), (4,12), }

--------------------------------
Process exited after 0.01059 seconds with return value 0
Press any key to continue . . .
```

Hasil program

```
1    #include <iostream>
2    using namespace std;
3
4    main(){
5        string a[] = {"eko", "uad"};
6        string b[] = {"210", "018","142"};
7        int c[] = {2, 3, 4};
8        int d[] = {2, 6, 8, 9, 12};
9        cout << "Hasil penggabungan a dan b : { " << endl;
10       for(int i=0; i<2;) {
11           for(int j=0; j<3; j++) {
12               cout << "(" + a[i] + "," + b[j] + ")";
13           }
14           i++;
15       }
16           cout << "}" << endl;
17       cout << "\n\nHasil himpunan c habis membagi d :\n{";
18       for( int k = 0 ; k < 3;){
19           for(int l = 0; l<5; l++){
20               if(d[l] % c[k] == 0){
21                   cout<<"("<<c[k]<<","<<d[l]<<"), ";
22               }
23       }
24           k++;
25       }
26       cout << "}\n";
27
28   }
```

Mengubah variabel

Hasil