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Deret Angka

```
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a, b;
7      cout<<"Contoh program perulangan"<<endl;
8
9      for (a=1;a<=10;a++)
10     {
11         cout<<a<<endl;
12     }
13
14     cout<<endl;
15
16     cout<<"perulangan menurun";
17
18     for (b=11;b>=1;b--)
19     {
20         cout<<b<<endl;
21     }
22 }
```

Contoh program perulangan

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

perulangan menurun11

10  
9  
8  
7  
6  
5  
4  
3  
2  
1

-----  
Process exited after 1.06 seconds with return value 0  
Press any key to continue . . . |

## Perulangan Angka

```
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a, b;
7
8      for (a=1;a<=5;a++)
9      {
10         for (b=1;b<=6;b++)
11         {
12             cout<<a<<" ";
13         }
14         cout<<endl;
15     }
16     return 0;
17 }
```

```
1 1 1 1 1 1
2 2 2 2 2 2
3 3 3 3 3 3
4 4 4 4 4 4
5 5 5 5 5 5
```

```
-----
Process exited after 0.4885 seconds with return value 0
Press any key to continue . . . |
```

## Bilangan Prima

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int angka;
6      int BukanPrima=0;
7      int i;
8
9      cout << "Masukan bilangan: ";
10     cin >> angka;
11
12     if (angka < 2) {
13         cout << angka << " bukan bilangan prima." << endl;
14     } else {
15
16         for (i = 2; i <= angka / 2; i++) {
17             if (angka % i == 0) {
18                 BukanPrima = 1;
19             }
20         }
21     }
22     if (BukanPrima == 0) {
23         cout << angka << " adalah bilangan prima." << endl;
24     } else {
25         cout << angka << " bukan bilangan prima." << endl;
26     }
27 }
```

```
Masukan bilangan: 15
15 bukan bilangan prima.
```

```
-----
Process exited after 7.933 seconds with return value 0
Press any key to continue . . .
```

## Belah Ketupat Bolong

[illegible]

```

1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int n;
6
7     cout<<"Input lebar belah ketupat = ";
8     cin>>n;
9
10    for (int i = 0; i < n; i++) {
11        for (int j = i; j < n; j++) {
12            cout << " " ;
13        }
14        for (int j = 0; j < 2 * i; j++) {
15            cout << " " ;
16        }
17        for (int j = i; j < n; j++) {
18            cout << " " ;
19        }
20        cout << endl;
21    }
22
23    for (int i = 0; i < n; i++) {
24        for (int j = 0; j <= i; j++) {
25            cout << " " ;
26        }
27        for (int j = 0; j < 2 * (n - i - 1); j++) {
28            cout << " " ;
29        }
30        for (int j = 0; j <= i; j++) {
31            cout << " " ;
32        }
33        cout << endl;
34    }
35
36    }
37
38    getchar();
39 }

```