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Kelas:TI-24-PA2

### 1. Perbaiki goto jadi c++

```
Tugas pertemuan-6 goto menjadi c++.cpp
1  #include <iostream>
2  #include <stdio.h>
3  #include <conio.h>
4  using namespace std;
5  int main(){
6
7      int a,b;
8
9      char ulang;
10     awal :
11     cout << "masukan bilangan =";
12     cin>>a;
13     b=a%2;
14     cout << "hasil modulus =";
15     cout<<b<< endl;
16     cout << "ingin hitung lagi [Y/T]";
17     cin >>ulang;
18
19     if (ulang == 'Y' || ulang == 'y'){
20
21         goto awal;
22     }
23
24     if(ulang == 'T' || ulang=='t'){
25     }
26
27     goto akhir;
28
29     akhir:
30     cout << "program selesai.";
31     return 0;
32 }
```

```
C:\Users\jojo\OneDrive\Doku x + v
masukan bilangan =7
hasil modulus =1
ingin hitung lagi [Y/T]y
masukan bilangan =6
hasil modulus =0
ingin hitung lagi [Y/T]t
program selesai.
-----
Process exited after 16.6 seconds with return value 0
Press any key to continue . . . |
```

### 2. Bilangan deret ganjil

```
1  #include<iostream>
2
3  using namespace std;
4
5  int main(){
6      int jumlah = 0 ;
7      cout << "Deret bilangan ganjil dengan hasilnya: \n";
8
9      for (int i = 1; i<= 20; i += 2 ) {
10         cout << i;
11         jumlah += i;
12         if ( i < 19) {
13             cout << " + ";
14         }
15     }
16
17     cout << " = " << jumlah << endl;
18
19     return 0;
20 }
21
22
```

```
C:\Users\jojo\OneDrive\Doku x + v
Deret bilangan ganjil dengan hasilnya:
1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 + 17 + 19 = 100
-----
Process exited after 0.1147 seconds with return value 0
Press any key to continue . . . |
```

### 3. Bilangan deret genap

```
1  #include<iostream>
2  #include<conio.h>
3  using namespace std;
4
5  int main()
6  {
7      int a=2,b=20,n;
8
9      for (a=a; a<=b; a+=2)
10     {
11         cout<<a;
12         if(a<b)
13         {
14             cout<<" + ";
15         }
16     }
17     cout<<" = ";
18     n=b/2;
19     n=n*(n+1);
20     cout<<n;
21
22     return 0;
23 }
```

```
C:\Users\jojo\OneDrive\Doku x + v
2 + 4 + 6 + 8 + 10 + 12 + 14 + 16 + 18 + 20 = 110
-----
Process exited after 0.1122 seconds with return value 0
Press any key to continue . . .
```

#### 4. Perbaikan break

```
1 #include <stdio.h>
2 #include <conio.h>
3 using namespace std;
4 int main(){
5
6     int a=3, b=2, c=1, bil;
7
8     printf ("Bil-A| Bil-B| Bil-C\n");
9     printf("-----");
10    for (bil=1; bil<=10; ++bil){
11        a+=b; b+=c; c+=2;
12        printf ("\n%d \t | %d\t| %d", a, b, c);
13        if (c==13){
14            break;
15        }
16    }
17 }
18 }
```

Bil-A| Bil-B| Bil-C

5	3	3
8	6	5
14	11	7
25	18	9
43	27	11
70	38	13

-----  
Process exited after 0.08823 seconds with return value 0  
Press any key to continue . . .

#### 5. Waktu

00.29  
19/10/2024