LAPORAN PRAKTIKUM DASAR PEMROGRAMAN



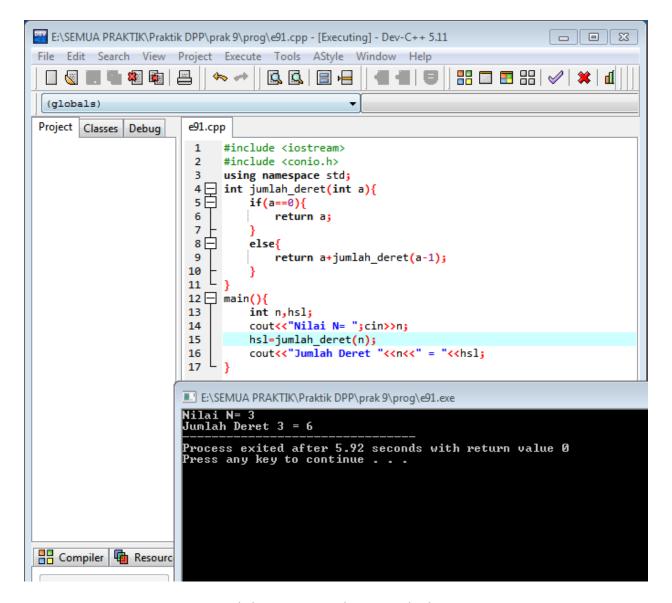
DISUSUN OLEH: EKO RACHMAT SATRIYO (2100018142) SABTU 07.30-KELAS C

PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS TEKNOLOGI INDUSTRI

UNIVERSITAS AHMAD DAHLAN

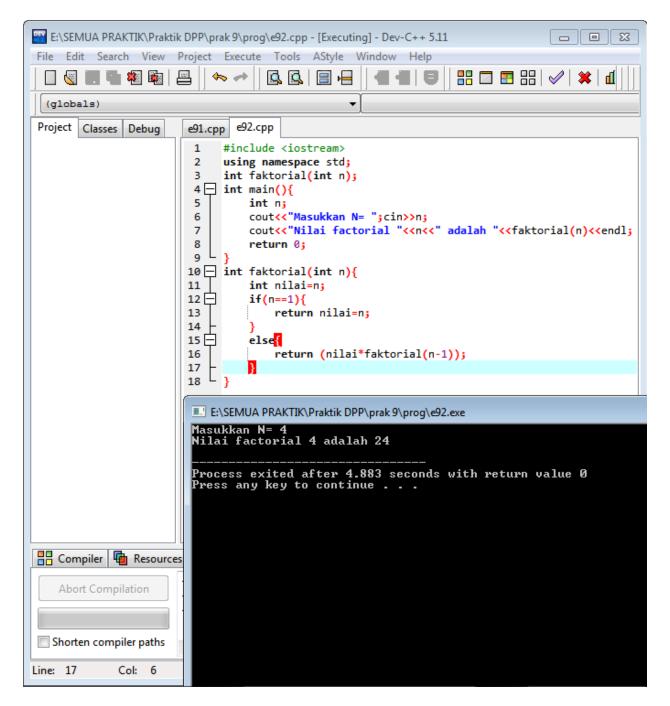
DESEMBER 2021



Menuliskan program dan menjalankannya

```
E:\SEMUA PRAKTIK\Praktik DPP\prak 9\prog\e91.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
                                                                (globals)
Project Classes Debug
                       e91.cpp
                        1
                            #include <iostream>
                             #include <conio.h>
                        2
                        3
                            using namespace std;
                        4 ☐ int jumlah_deret(int a){
                        5 🗀
                                if(a==0){
                        6
                                    return a;
                        7
                        8 🖃
                                else{
                        9
                                    return a+jumlah_deret(a-1);
                       10
                          [ }
                       11
                       12 = main(){
                       13
                                 int n,hsl;
                                 cout<<"Nilai N= ";cin>>n;
                       14
                       15
                                hsl=jumlah_deret(n);
                                cout<<"Jumlah Deret "<<n<<" = "<<hsl;</pre>
                       16
                       17 L
                        E:\SEMUA PRAKTIK\Praktik DPP\prak 9\prog\e91.exe
                        Nilai N= 5
Jumlah Deret 5 = 15
                        Process exited after 8.897 seconds with return value 0
Press any key to continue . . .
Compiler Resources
   Abort Compilation
Shorten compiler paths
```

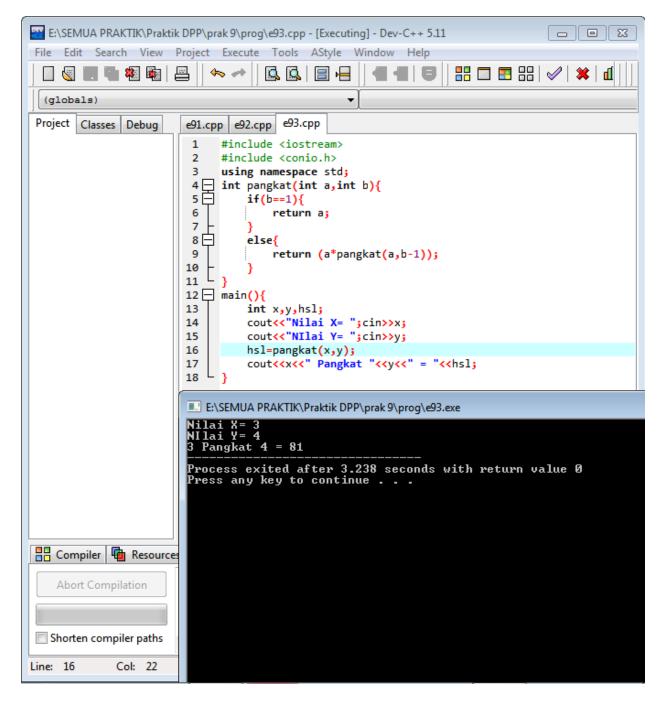
Beda inputan



Menuliskan program dan hasilnya

```
E:\SEMUA PRAKTIK\Praktik DPP\prak 9\prog\e92.cpp - [Executing] - Dev-C++ 5.11
                                                                                  File Edit Search View Project Execute Tools AStyle Window Help
                                                                   ::: □ ::: □ ::: □ ::: □
 ♦
                                     (globals)
                        e91.cpp e92.cpp
Project Classes Debug
                         1
                              #include <iostream>
                         2
                              using namespace std;
                              int faktorial(int n);
                         3
                         4 ☐ int main(){
                         5
                                  int n;
                         6
                                  cout<<"Masukkan N= ";cin>>n;
                                  cout<<"Nilai factorial "<<n<<" adalah "<<faktorial(n)<<endl;</pre>
                         7
                                  return 0;
                         8
                         9
                        10 ☐ int faktorial(int n){
                        11
                                  int nilai=n;
                        12 🗀
                                  if(n==1){
                        13
                                      return nilai=n;
                        14
                        15
                                  else{
                                      return (nilai*faktorial(n-1));
                        16
                        17
                        18 L }
                         E:\SEMUA PRAKTIK\Praktik DPP\prak 9\prog\e92.exe
                         Masukkan N= 3
Nilai factorial 3 adalah 6
                         Process exited after 3.784 seconds with return value 0 Press any key to continue . . .
Compiler Resources
    Abort Compilation
Shorten compiler paths
Line: 17
             Col: 6
```

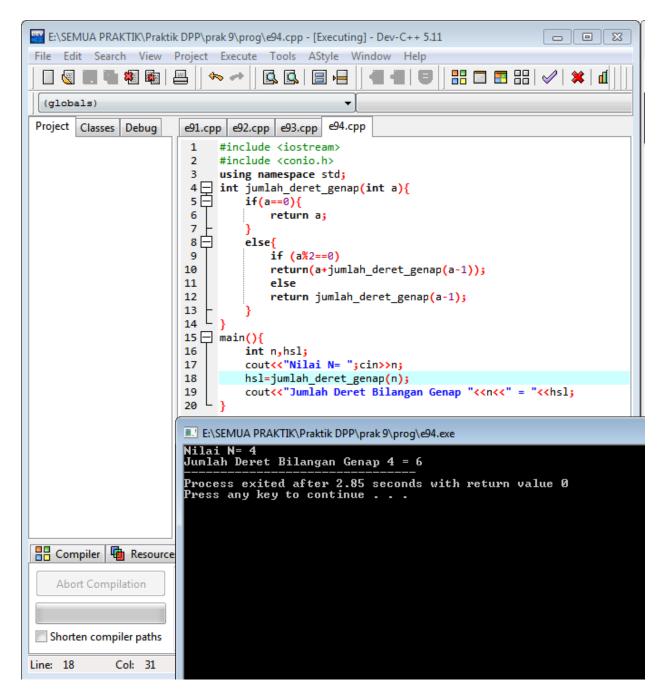
Beda inputan



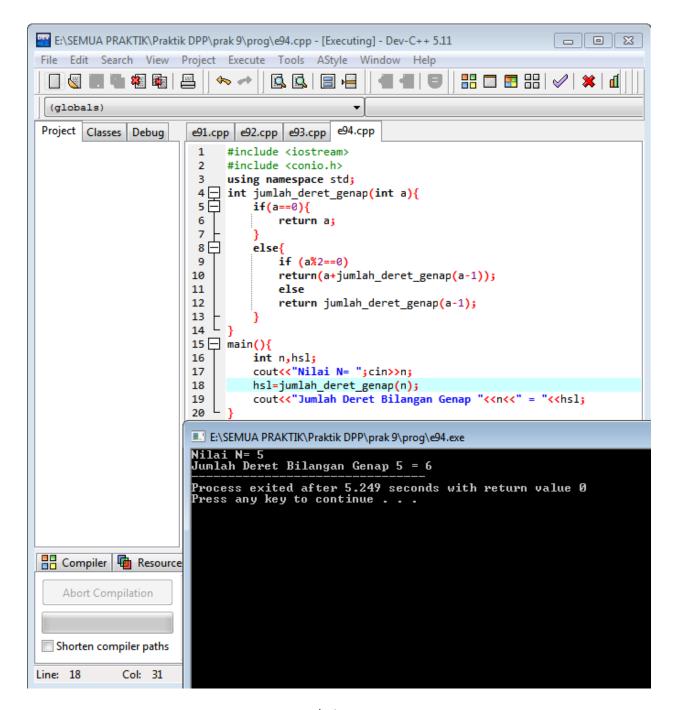
Menuliskan program dan hasilnya

```
E:\SEMUA PRAKTIK\Praktik DPP\prak 9\prog\e93.cpp - [Executing] - Dev-C++ 5.11
                                                                                        - © X
File Edit Search View Project Execute Tools AStyle Window Help
                                                                        ■ | ★ | ◇ | = □ =
                                        🖳 🖳 | 🗏 📙
  (globals)
                                                      •
                          ല1.cpp | ല2.cpp | ല3.cpp
 Project Classes Debug
                                #include <iostream>
                                #include <conio.h>
                           3
                                using namespace std;
                           4 ☐ int pangkat(int a,int b){
                           5 🖨
                                     if(b==1){
                           6
                                         return a;
                           7
                           8 🖨
                                    else{
                           9
                                         return (a*pangkat(a,b-1));
                          10
                          11
                          12 = main(){
                          13
                                    int x,y,hsl;
                                    cout<<"Nilai X= ";cin>>x;
cout<<"NIlai Y= ";cin>>y;
                          14
                          15
                                    hsl=pangkat(x,y);
                          16
                                    cout<<x<<" Pangkat "<<y<<" = "<<hsl;
                          17
                          18
                           E:\SEMUA PRAKTIK\Praktik DPP\prak 9\prog\e93.exe
                           Nilai X= 6
NIlai Y= 2
6 Pangkat 2 = 36
                          Process exited after 7.323 seconds with return value 0
Press any key to continue . . .
Compiler Resources
    Abort Compilation
 Shorten compiler paths
              Col: 22
Line: 16
```

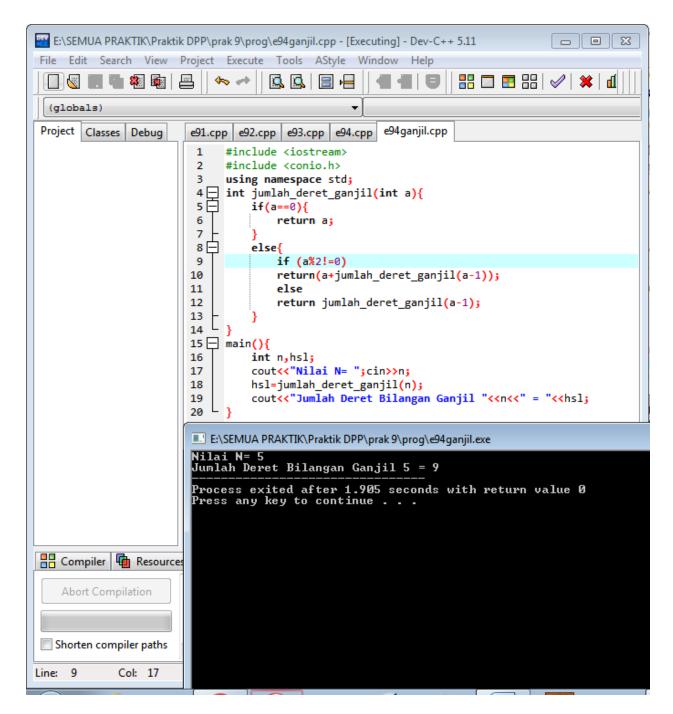
Beda inputan



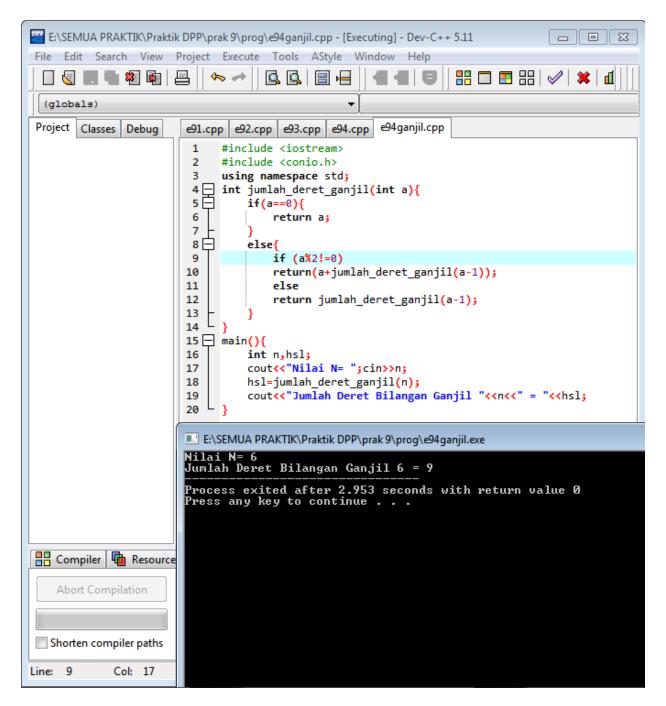
Menuliskan program dan hasilnya



Beda inputan



Memodifikasi menjadi ganjil



Beda inputan