## LAPORAN PRAKTIKUM DASAR PEMROGRAMAN



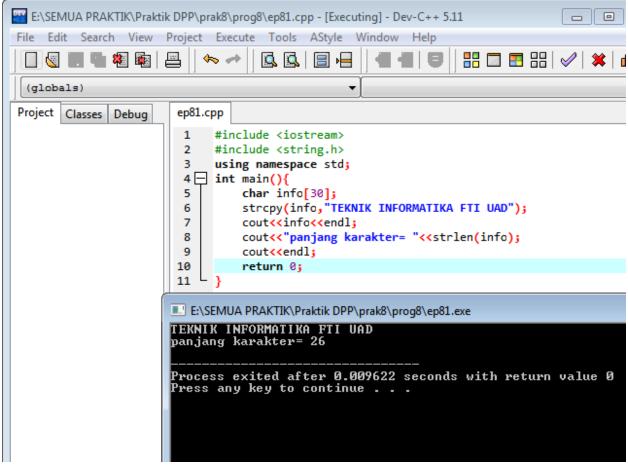
## DISUSUN OLEH: EKO RACHMAT SATRIYO (2100018142) SABTU 07.30-KELAS C

PROGRAM STUDI TEKNIK INFORMATIKA

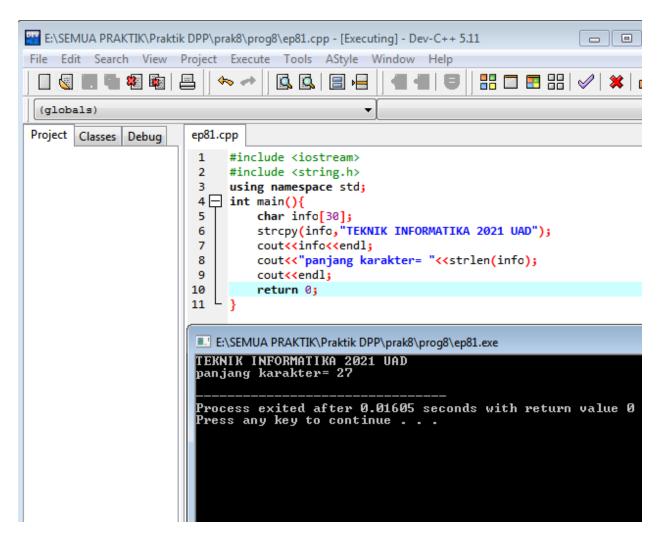
FAKULTAS TEKNOLOGI INDUSTRI

UNIVERSITAS AHMAD DAHLAN

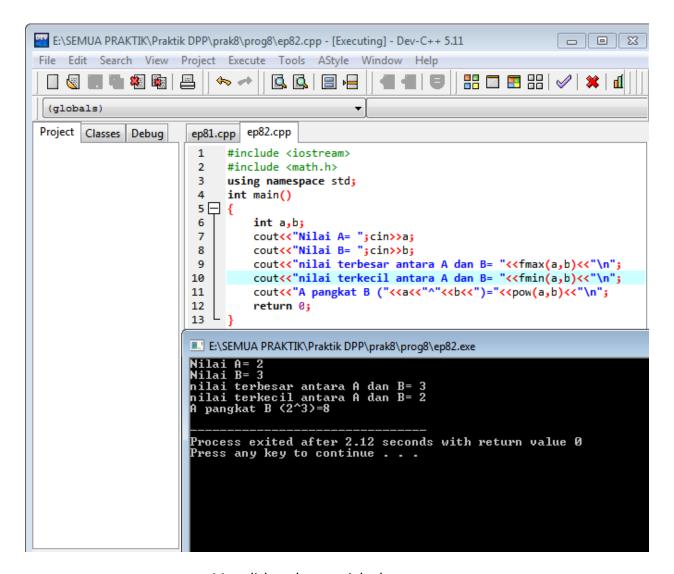
DESEMBER 2021



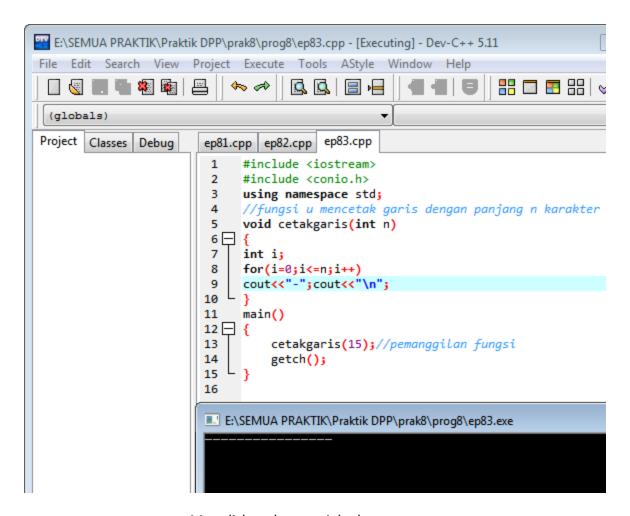
Menuliskan dan menjalankan program



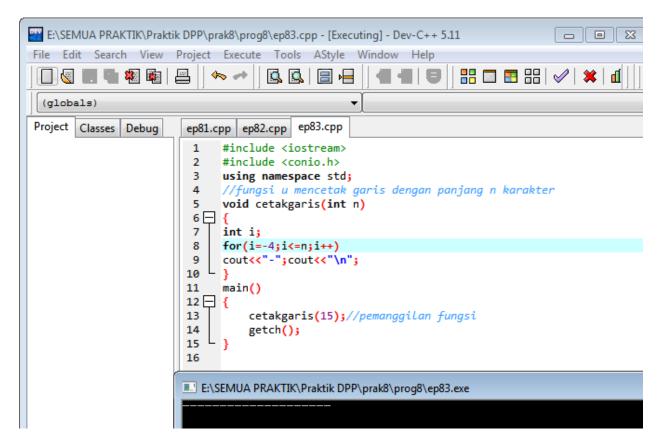
Mengubah menjadi TEKNIK INFORMATIKA 2021 UAD dan hasil outputnya



Menuliskan dan menjalankan program



Menuliskan dan menjalankan program



Mengubah nilai variabel

```
E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep83.cpp - [Executing] - Dev-C++ 5.11
                                                                                - E X
File Edit Search View Project Execute Tools AStyle Window Help
                                                                 ::: □ ::: □ ::: □ ::: □ :::
 🖳 🖳 🗏 📙
 (globals)
Project Classes Debug
                        ep81.cpp ep82.cpp ep83.cpp
                        1
                             #include <iostream>
                             #include <conio.h>
                        2
                        3
                             using namespace std;
                             //fungsi u mencetak garis dengan panjang n karakter
                             void cetakgaris(int n)
                        6 🗏 {
                        7
                             int i;
                        8
                             for(i=0;i<=n;i++)
                        9
                            cout<<"-";cout<<"\n";
                        10
                            }
                        11
                             main()
                        12 🖵 {
                                 cetakgaris(2);//pemanggilan fungsi
                        13
                        14
                                 getch();
                        15
                        16
                       E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep83.exe
```

## Mengubah pemanggilan fungsi

```
E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep84.cpp - [Executing] - Dev-C++ 5.11
 File Edit Search View Project Execute Tools AStyle Window Help
  Project Classes Debug
                               ep81.cpp ep82.cpp ep83.cpp ep84.cpp
                                 1 #include <iostream>
2 #include <conio.h>
                                                                                                       E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep84.exe
                                                                                                                                                                                                                - - X
                                 3 using namespace std;
4 ☐ int luas(int x,int y){
5    int hasil;
6    return hasil = x*y;
                                                                                                       Menghitung luas Persegi 4
                                 int hasil;

for return hasil:

return hasil:

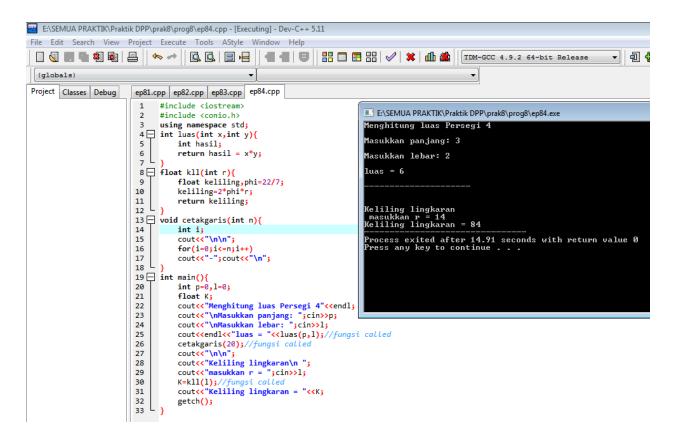
float kll(int r){
                                                                                                       Masukkan panjang: 4
                                                                                                       Masukkan lebar: 2
                                                                                                       luas = 8
                                            float keliling,phi=22/7;
keliling=2*phi*r;
return keliling;
                                return keliling;
12 }
13 = void cetakgaris(int n){
                                                                                                      Keliling lingkaran
masukkan r = 7
Keliling lingkaran = 42
                                          int i;

cout<<"\n\n";

for(i=0;i<=n;i++)

cout<<"-";cout<<"\n";
                                14
15
16
17
18
                                                                                                       Process exited after 46.37 seconds with return value Ø
Press any key to continue . . .
                                19 ☐ int main(){
                                            20
21
22
23
24
                                25
26
27
28
29
                                            cout<<endl<< "luas = "<fluas(p,
cetakgaris(20);//fungsi called
cout<< "\n\n";
cout<< "Keliling lingkaran\n";
cout<< "masukkan r = ";cin>>l;
K=kll(l);//fungsi called
                                            cout<<"Keliling lingkaran = "<<K;
getch();</pre>
```

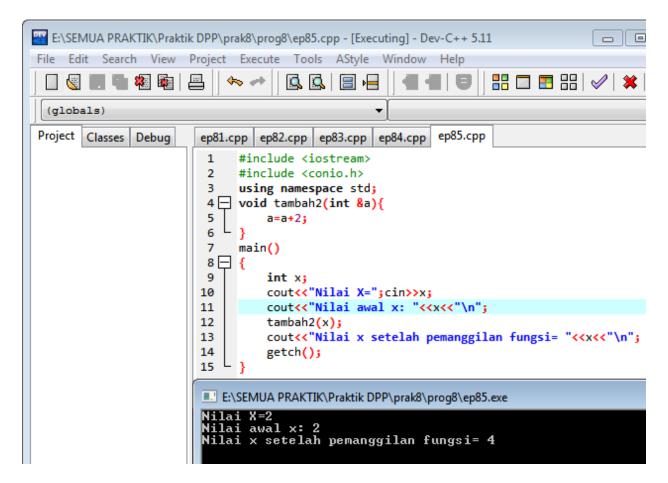
Menuliskan dan hasil program



Input yang berbeda

Void=tidak memiliki nilai kembalian

Selain itu memiliki nilai kembalian.



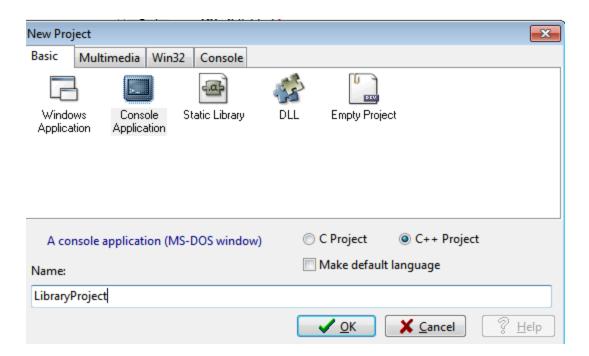
Menuliskan program dan outputnya

```
E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep86.cpp - [Executing] - Dev-C++ 5.11
                                                                               _ <u>_</u>
File Edit Search View Project Execute Tools AStyle Window Help
                                                                (globals)
Project Classes
              Debug
                       ер86.срр
                             #include <iostream>
                        1
                             #include <conio.h>
                        2
                        3
                             using namespace std;
                        4 ☐ int pangkat(int a,int b){
                        5
                                 int hasil, i;
                        6
                                 hasil=1;
                        7
                                 for(i=1;i<=b;i++)
                        8
                                 hasil*=a;
                        9
                                 return hasil;
                       10
                       11 = main(){
                       12
                                 int x,y,hsl;
                       13
                                 cout<<"Nilai X= ";cin>>x;
                       14
                                 cout<<"Nilai Y= ";cin>>y;
                       15
                                hsl=pangkat(x,y);
                                 cout<<x<<" Pangkat "<<y<<"="<<hsl;
                       16
                       17 L }
                       E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep86.exe
                       Nilai X= 2
Nilai Y= 3
                       2 Pangkat 3=8
                       Process exited after 3.234 seconds with return value 0
                       Press any key to continue . . .
```

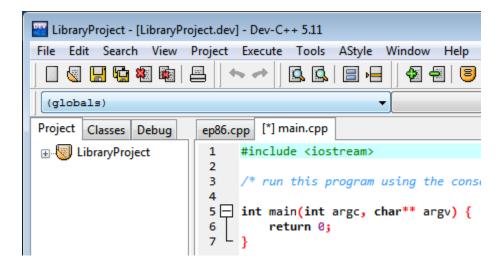
Menuliskan program dan outputnya

```
- D X
E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep86.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
                                                                       ::: □ ::: □ ::: □ ::: □ ::: □ ::: □ ::: □
 🖳 🖳 🗏 📙
 (globals)
                         ер86.срр
Project Classes Debug
                               #include <iostream>
                          1
                               #include <conio.h>
                           2
                           3
                               using namespace std;
                          4 ☐ int pangkat(int a,int b){
                          5
                                    int hasil,i;
                          6
                                    hasil=1;
                          7
                                    for(i=1;i<=b;i++)
                          8
                                    hasil*=a;
                          9
                                    return hasil;
                         10 L }
                         11 = main(){
                         12
                                    int x,y,hsl;
                         13
                                    cout<<"Nilai X= ";cin>>x;
                         14
                                    cout<<"Nilai Y= ";cin>>y;
                         15
                                    hsl=pangkat(x,y);
                         16
                                    cout<<x<<" Pangkat "<<y<<"="<<hsl;
                         17 <sup>∟</sup> }
                          E:\SEMUA PRAKTIK\Praktik DPP\prak8\prog8\ep86.exe
                          Nilai X= 2
Nilai Y= 5
                          2 Pangkat 5=32
                          Process exited after 8.404 seconds with return value 0 Press any key to continue . . .
```

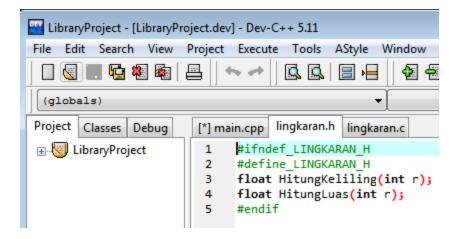
Input nilai yang berbeda



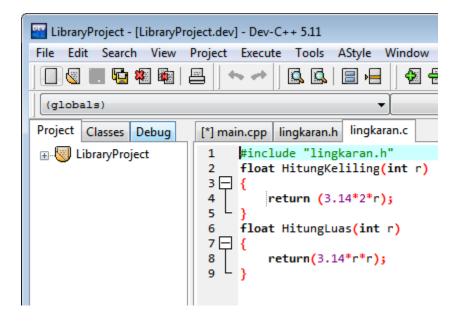
File->new,console,Library Project



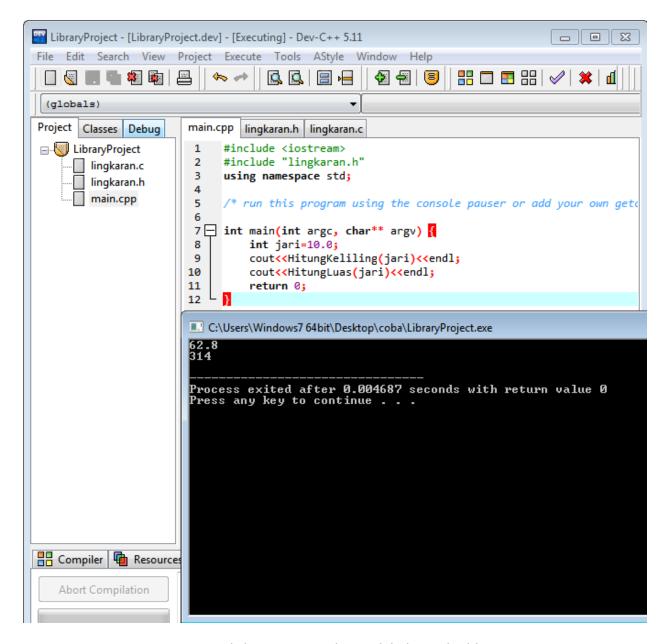
Menjadi main.cpp



Membuat lingkaran.h



Membuat lingkaran.c



Menuliskan program dan melakukan rebuild