- Bir banksiyan Inline olarık tonımlanıp, headar'a yozulura, ODL kudanın inlal edilmediğini gazantiler
- Eiger heoderable turn Contrigorier, inline terumboursa, bu abunda app absyst amado model abstructuitie. Baye modaleador aluson tetipo hanelere, header-only library denic.
- Intre Conteign touterok, compiler a mine expansion FANSI verific. (Gorantilemen) the Contestion gibs
- -C++ 17 ile inline variables extendi

Ly donitilden hader i ettern tom obsgeland sodece 1 adrit tonim olangini grantiler

. - Inline Anhayalar, Arklı haddar dayılırında. - token by token. birebir oynı sekilde tanıtılsa bile, syntax halası olmaz. Linker sodere bir tanesini secer | ODE inluli Olmanosı grantı!

Foliat, aynı header obsyranda olmosı syntex hatesi

```
Binline int foo(int x, int y)
{
    ///code
    return x * y + 3;
}

Binline int foo(int x, int y)
{
    ///code
    return x * y + 3;
}
```

Ayn header obsycholo syntax holosi

-> Forki, header obsyganolo strin uptil

```
public:
    void set(int x);
private:
    int mx;
};

pinline void Murat::set(int x) OPR violetion yeld

mx = x;
}
```

- Direct Class Doffnition Germinal de forlyign tentilobilis. Implicitly Inline our

```
public:

void set(int x) -> Set implically more Gration oblu

mx = x;

private:
   int mx;
};
```

```
*C'de Delenmis Kodlern Cop'de Kullaminaa Yosanen Hala:
```

· Ginki externel

objetre refrons C'de undersore ile verilikken, Copide o fonksyonen prometnesse gare de numbradizion.

Lo. Linker o referensi klemoz X . Notosyon friki var

```
extern "C" lint sum square(int, int);

int main()
{
   int x = sum_square(3, 6);
   std::cout << "x = " << x << "\n";
}</pre>
```

```
extern "C" {

void f1();

void f2();

void f3();

void f4();
}
```

```
* Constructors:
                  - Sinct nesnesting happea getting type too kiryon / Tilevini sonandiron do deckicter
 · Bir sınıfın constructor re destructor lor, 6/0601 veya Statra olanoz
· Constructorin adı Class adı ile Aynı
· Constructorion return bourson, uplatur.
 · Constructoriar overload extensitive
# Bir nemenia, organian almodon agricolobiles contractor -> Delaut ctor
                                                            > 4a orgamen olmapaek,
       -> Special Member Functions: - Default Constructor
                                       - Destructor
                                                                  Denegret bit jummosok bile, bu lankryan bir
                                      - Copy constructor
                                                                     Vendi generate edelilir. / Bria defaut as dangar
                                      - Move Constructor
                                      - Copy Assignment
                                       - Mere Assignment
* Constructor ve Destructor CONST OLAMAZ
                           PLIVITE DLABILIE and Chent Vasamer. Protected
· Sman icinde inline tentlobis.
· Constructor, non-stotic o long, item, this pointer kulturability
* Destretors:
 · Constructor of by one bosindo N. (Hilda) var.
 · Blown olamoz, static alamoz, const alamoz,
 · Parameters. OLAMAZII. Duelood edilement
* Staffic Omoric Nesneleode Constructor/ Dockwater.
                                                     Statik amor
                                                                      ya global obsok
                                                                   -> up alo static an elithle
   1. Global Olarak tonition:
                  The colosin hen clar hen de ator "var
                                                                                                          * Fount, forkly obsystate
                     main Contrigon don once constact editor
                                                                                                      hange constitucion once
                                     bitmedon hemen tince destruct edilir,
                                                                                                      Cognilic bellidess.
      int main()
                                              => Foto+
          std::cout << "main basladi\n";</pre>
          std::cout << "main sona eriyor\n";</pre>
                                                  1. Nec ctor
                                                                                                          Static Initialization
                                                               en son conclust
                                                 2. 819 CHOP
                                                               edien, 11 destruct
                                                                                                              fia sco
                                                               edilic.
```

```
2. Statik Verel Doriston: -> Dir fonksiyanın skrtik yarel doğirkeni
```

· Bu nesnento construct edilmest toin boutildige bolistyons acquilmest genetic.

```
· Foliot Stoffic anice in a lidger ictio
```

```
main basladi
      Nec default ctor this = 001653C4
      foo fonksiyonuna yapilan 1. cagri
       foo fonksiyonuna yapilan 2. cagri
                                         Forkeigen You kel
                                                                        Yolnizon I kez
       foo fonksiyonuna yapilan 3. cagri
foo() foo fonksiyonuna yapilan 4. cagri
                                             CORCILISO, OCCURSIO,
                                                                            morne grixte contrata 1
       foo fonksiyonuna yapilan 5. cagri
static imain sona eriyor
                                                                            Orkerab detector agent.
static Nec destructor this = 001653C4
std::col<sub>D:\KURSLAR\MART2022\Release\MART2022.exe</sub> (process 3540) exited with code 0.
        Press any key to close this window . .
main()
 std::cou
 foo();
                     D
 foo();
 foo();
```

* Otomotik Omeric Sinif Nesnelai: -> Bir barbayan Torde tonition nesnelar otomotik omericaling

- · Fonksigan kaa kez cogsiriluses, bu sind negnetat o kedar constant ve abstruct editir.
- · Arroy eleman class olabitis.

> tom array elemantar rain tell tell constructor laboratelar agirly.

```
evoid foo()

{

Nec nx;

Nec nx;

| Nec nx;
```

o O'da 100'e Yrduma. Milelet Sausu).