```
* Inline Functions: -> inline exponsion dan forkini bil.
      -> Inline Expansion:
       - Bis optimizosyan ternigi (ampira yppor)
       - Fonkeryonin assirilden yerin gers cukuların tutip, linler'a retmek yerine
       direkt Cogirildgi yardı enerik edilir.
- Bir lanksiyan inline olarık tonımlanıp, heodar'a yızılırsa, ODL kırdanın inlal edilmedişini gaantiler
```

- Eger headerable tem Contrigenter, inline termboursa, bu abunda model obstaclating. Boye modellador olumn tetip honelere, header-only library denic.
- Intere Conteiges touterol, compiler's intine expansion family veries. Coordinates
- C++ 17 ile in line variables extendi

. Los dichitildesi header'i etilgen tom obsolabla sodece 1 adol tanım olargını grantiler

- Global Cankingalanda Oldegu gibi, member functional da invine darak header de tentrlabilist. Bu olum ODR'i involetma

```
class Murat {
public:
    void set(int x);
     int mx;

pinline void Murat::set(int x)
```

- Direct Class Doffnition Certained de forbigan tentilobilis. Imprestly Inline our

```
class Murat {
public:
    void set(int x) -> Set implically intre fireton olde
         mx = x;
 private:
     int mx;
```

```
* Constructors:
                  - Sinct nesnesting happea getting type too kiryon / Therent sonandiron do deckiller
· Bir sınıfın constructor re destructor lorı 6/0601 veya Statra olanoz!
· Constructorin adı Class adı ile Aynı
· Constructorion return bourson, uplatur.
· Constructoriar overload extensitive
# Bir nemenin, organian almodon agricultisien contructor -> Default ctor
                                                           -> Ma orgamen olmegaeux,
       -> Special Member Functions: - Default Constructor
                                       - Destructor
                                                                  Denegret bis ignmosor bile, by lon largon bu
                                      - Copy constructor
                                                                     Vendi generate edelilir. / Bria defaut as dangar
                                      - Move Constructor
                                      - Copy Assignment
                                       - More 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.
 · Block 1 Olamoz, static alamoz, and olamoz,
 · Parameters. OLAMAZII. Duelood edilement
of Static Omoric Nesnelede Cenetical 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 obsydood
                     main Contrigon don once constact editor
                                                                                                      hange constitucion once
                                     bitmedon hemen tince docket 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. Static On eletie - Bir thologone statik yorel depirtuani

- · Bu nesnent constact edilmen toin tentildige Contrigens acquilmen genetic.
- · Fallot Slottle and to alleger icin

```
main basladi
        Nec default ctor this = 001653C4
        foo fonksiyonuna yapilan 1. cagri
        foo fonksiyonuna yapilan 2. cagri
                                                 Forkingen kad kee
                                                                                     Yolnizon 1 kez
foo fonksiyonuna yapilan 3. cagri
foo() foo fonksiyonuna yapilan 4. cagri
foo fonksiyonuna yapilan 5. cagri
                                                      concluse, organism,
                                                                                            morne grixte contrator 1
static main sona eriyor
static Nec destructor this = 001653C4
                                                                                                         dockretor "
std::COLD:\KURSLAR\MART2022\Release\MART2022.exe (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 borbayon Tonde fontilan nesnelar alphotik omerication

- · Fonksigon had hez adjiriluses, bu sincl negnetati a hodor constitutive abstruct editir.
- · Arroy eleman closs olastir.

ton array elementer rein the the constructor latertructor agricult.