*Telsor: - Eger tentumalysa, compiler dolart construier delant edar. Foliot biz ablant Olmgen bir constructor gozorsot.

Compiler Dolant etmer.

* Constructor Initioine List:

```
# Sclass Myclass {

public:
    Myclass();

private:
    int mx, my;  | Hapta game start, briditine stands.

};

//.cpp

Myclass::Myclass(): mx | 10 }, my | 20 },

{

Construit tribitie inflett

Siro ONEMLE DEBILDIR.
```

- * Class memberer, class constroler bleste gamen instraince editir. Ess bridge goves about instrument
- + Ancol Const Nesnecel Delay init yop anon.
- t Her 200000 11k tercin bu 10kmol, (1884 montese Gentro elemency -> Dola 1t mithersip olema Myonauth 1971,
- + Constructor terrole uppelon initialize dell, assignment tul
- + Sinfin data manber 1 const. You do refrons 150, constructor instructor list Zoeunu
- * In-class / Default Member Initialization:

```
//in-class initializer

//default member initializer

class Myclass {

private:
    int mx{ 10 };
    int my = 20;
    int my = 20;
};

Correct:

Correct:
```

- => Favot Buroda filler 11k dager vermigaren
- sour of compiles a fortile door, constructor of the listing of the contractor of the
- > Egg hern about member init, hern congructor init liet varia, comparate with lint although and

* Delegating Constructor:

- -> Gir snifin constructor, data member initiense ion books constructive agambilit. Bund delegating constructive denik.
- -> Delegating Constructor vorsa basto constructor Init list klantomoz!

```
* Special Member Functions:
 - dolant dor
- destructor
- capy cotor
- mare atto
                   > (opy membes
- copy operiment
                   a move member
- more assignment
  Vser Declared Special member Frelians;
                                                                  class Nec {
    public:
        //Nec(); //user-declared (define)
                                                                   public:
        //Nec() = default; //user declared - defaulted
                                                                        Nec(int);
        Nec() = delete;
                                                                        Nec() = default;
⇒ Bred koallada compiler bunkar kendi defalt eder Biz bildirmesek de.
-> Egg aboleyzi sını An bir bzel üye fonberyonunu abfalt edecesse folkot akleyicinin tzel üye fonbeyonu olatırma strecinde
syntox hotes, olusuran desceptos tree type fonteryone ablete edes. Prid existing, anot, ref existing gibi.
  class Myclass {
    private:
           const int x;
                                                        Bu yorden compiler, abtact
    };
   pint main()
            Myclass X;
                                          m_a rom detail ctor agrillance. Not Declared 1
 □class A {
   public:
                                          Bu yüzden Mysloss sınılının ola Defect Ctor'ı deleted!
          A(int);
   };
  □class Myclass {
    private:
           A m_a;
```

```
class A {
    A();
public:
};

class Myclass {
private:
    Myclass() = default;
    A m_a;
};
eint main()
{
    Myclass m;
}
```

Bildrians olsof bije ableted | Citati A'nin constructor'i private

- Copy Constructor:

. Klapta, degern own tolder bill baska smit nemerinden allaret gellyar.

· Kullen Idigi senergola:

```
| Myclass m3{m1; | Myclass m4 = m1; | Myclass m5 = foo(); | Myclas
```

· Rule of Zero: Beten special member furationlain, compiler larafination dalbuilt ediliners

· Non-static, inline, public olare default eder compiler.

```
class A{};
class B{};
class c{};

class Myclass {
    public:
        Myclass(const Myclass& other) : ax(other.ax), bx(other.bx), cx(other.cx)
        }
    private:
        A ax;
        B bx;
        C cx;
}
```

• Sinifin veri elementarinoso biri Eger Pozintolesa Il Geronsson —> COPU CTOL, o pointern degerini hoppyela.

La Yani organi nesneye isaret edor - Bu denjing pointer
salveniget varebilir.

```
* Shellow Copy: Kayners degil, Koyners gesteren pointe in topyolenmini

Deep Copy: Kayners tondistrif topyoler. Lendiniz yest to topyoler yestered the little to yest topyoler. Despute yestered the lendinis topyoler.

Point exteri.

Plant: Lesource Agurstion 13 Initialization
```

```
• RATT: Resource Agurstion is Institution

- Identify

- Identify

- Bit sin t nesness is leving year estimate itin, but knywe edinman greeking alanda, edinler laying year varionan greeking

Les constitutes along acar,

deskueses a dossey lapoter
```

```
avoid func(Sentence s)
{
    s.print();
}

aint main()
{
    Sentence s1 = "Bugun hava cok guzeldi";
    s1.print();
    func(s1);
    (void)getchar();
    s1.print();
}
```

Fonkriver parametris, sout terrodon, by during south conduction has nesse, compiler in yordiga copy oter. The lapyrianir, function scope sounds do destuctor

Foliet func fortisigne ite oluser notine, shallow copy ite boom moments den lappyreneral function lappyreneral function described some organisation described to the density!