Tetror: Shellow Copy, ite loppyloran pointete / refronte agni nesnege, maest eder.

```
class Myclass {

public:
    Myclass() default:
    Myclass(int);
}

La biz default olingen by ctor geologime during the complice default clor electrons. Ama biz yere de retigende
```

\* Your nondlelon. logge book non, compile copy chair yeare deep apy your knot apy out time. Degar degli, you bit manay dan obstrative lapanks

+ Copy Assignment: Negrous bribaile chardwords

· Bu hir ctor degit. Retorn deget vor = \*this > imposes (my obes rut)

```
class Myclass {
public:
    Myclass& operator=(const Myclass&);
}

1304
1305
1306
1307

a tell Capital

a operator = (b)
```

· bu da snallow copy yapıyar.

```
Sentence sen_1{ "bugun hava cok guzel!" };

{
Sentence sen_2{ "umarim yarin da guzel olur" };

sen_2 = sen_1;
}
(void)getchar();
sen_1.print();
}
```

· C++ divinde otomo operatorier ile obstrucion ifadelerin deser biogensis Luche expression

- ' Bir sinifin copy ctor'i. In sinif necess, howler, digretar. Gynn sinif. thronden our bir nesee the cognitalities
- 'Bit sinif necessive Alama operatoriste, byn terato bit sinif nemes abodynal, but gercelletren Assomet

```
ming Dref:
```

```
#define _CRT_SECURE_NO_WARNINGS

#include <iostream>
#include <cstdlib>

#class Myclass {

public:

Myclass(); > delat clar

~Myclass(); > denator > release resource year yearnings!

Myclass(const Myclass&); > copy clar > rel

Myclass& operator=(const Myclass&); > copy assgreat > rel

resource
and
deep

shollow (opp by delat)
```

# Eger kapyalayan atama operator fontributuru kandimiz yopiyonak, (ue a literator yopi yaksa, capy - sinop yaksa)

```
# Big 3 / Bulle of 2: doctrois # Big 5: -> year of
```

copy assignment to move assignment to move assignment

# Move Semantigi: • Bir nesnenin you editmorine doğru, kaynorurun vermek yerne, onun degeriyic hayota geleceli nesnenin, bayot

· R value referentes once yout.

```
void func(const int&);

void func(int&&);

void func(int&&);

int main()

{

int main()

}

int main()
```

```
void func(const Myclass&);
void func(Myclass &&);
void func(Myclass &&);

int main()

{

Strong Courds

Finance

Sens-liftee

Year
```

```
class Myclass {

public:

    Myclass(const Myclass &); } and class red = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice = 2 voice = Copy Control

    Myclass(Myclass &&); } & content = 2 voice =
```

```
## Class Myclass {

| };

## int main()
{

| Myclass m1;

| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m2 = m1;
| Myclass m3;
| Myclass m3;
| Myclass m4;
| Myclass m5;
| Myclass m6;
| Myclass m8;
| Myclass m8;
| Myclass m9;
```

```
Myclass m1;

Myclass m2 = static_cast<Myclass&&>(m1);

Gu selecte coefficient mi i Lucke speak more coefficient mi i Lucke speak coefficient mi i Lucke speak coefficient and myclass m1;

Myclass m2 = std::move(m1)

Lo loge de Lucke die.
```

## # Hatriat ma:

```
class Myclass {

public:
    Myclass(const Myclass &other) : ax(other.ax), bx(other.bx), cx(other.cx)
    {

    Myclass& operator=(const Myclas& other)
    {
        ax = other.ax;
        bx = other.bx;
        cxs = other.cx;
        refun *fws
    }

private:
    A ax;
    B bx;
    C cx;
}
```

## + Derleyronin olutuduru Move Sementitliri:

```
Derleyici hangi durumlarda sınıfın hangi özel üye fonksiyonlarını

bir sınıfın bir özel üye fonksiyonu aşağıdaki 3 durumdan birinde olabilir

,yok

.user declared (programcı tarafından bildirilmiş)

Myclass();

Myclass() = default;

Myclass() = delete;

Myclass() = delete;

Doloult = kendi Olutuman

implicitly declared

defaulted

deleted
```