```
pclass Myclass {
                                                        Mycoss Dofalt Clair cagnillant fanksyana
 };
  void func(Myclass);
 ⊡int main()
   {
        // func({});
 template<typename T, typename C = less<T>....>
 class set {
 private:
     C m_comp;
  mymap.insert({3, 8})
* Continer imal Uppiler:
```

```
Sinif Oldugu icin, bri rnterface ve tiyo lankatganlırı vas, normal arrayde yok
                11 sti 11e ujuniu
  Exception throwing
    convergen parametress dizz damoz / Return tart dizt Olamoz ama wropper adobilir
 Driler, array deary olur
std::array
   Defined in header <array>
                                                     Defoilt
  template<
       class T
                                                       Olorak
                             (since C++11
        std::size t N
  > struct array:
std::array is a container that encapsulates fixed size arrays.
This container is an aggregate type with the same semantics as a struct holding a C-style array T[N] as its only non-
static data member. Unlike a C-style array, it doesn't decay to T* automatically. As an aggregate type, it can be
initialized with aggregate-initialization given at most N initializers that are convertible to T:
 std::array<int, 3> a = {1,2,3}; .
The struct combines the performance and accessibility of a C-style array with the benefits of a standard container, such
 as knowing its own size, supporting assignment, random access iterators, etc.
 std::array satisfies the requirements of Container and ReversibleContainer except that default-constructed array is not
 empty and that the complexity of swapping is linear, satisfies the requirements of Contiguous Container, (since C++17) and
 partially satisfies the requirements of SequenceContainer.
```

There is a special case for a zero-length array (N == 0). In that case, array.begin() == array.end(), which is some unique value. The effect of calling front() or back() on a zero-sized array is undefined.

An array can also be used as a tuple of N elements of the same type.

```
int a, b, c;

Aggregate Type

int main()

Aggregate Type

Data mydata = { 2, 5, 9 };

}
```

Eger struct yerne, class olsaydı syntox holesi

```
template<typename T, std::size_t N>
evoid print(const std::array<T, N>& ar)
{
  for (const auto& x : ar)
     std::cout << x << ' ';
  std::cout << '\n';
}

Eint main()
{
  using namespace std;
  array<int, 5> a{ 1, 3, 6, 9 ,2 };

  print(a);
}
```

```
# 2 Boyutlu Array:
```

```
using artype = std::array<int, 3>;

=int main()
{
    using namespace std;|

    array<artype, 4> ax{ () {1, 2, 3}, {4, 5, 6}, {7, 8, 9}, {2, 2, 2} ()) };

    print(ax);

    Bger by en disloct 2 brace+ obrace symbox holds;
```

```
¥ 50 - Colled Containers:
```

- · Doto memberlar bir continon
- · begin, end yok, range band for loopla gertlema.

## # Stack:

```
template<typename T> <T> Provide sample ter
class Stack {
  public:
    void push(const T&);
    void pop();
    bool empty()const;
    std::size_t size()const();
    T& top();
    const T& top()const;
    protected:
    std::vector<T> mc;
};
```

-> STL, but deque ite implement ethis 2 templete promotions