```
3 gest releans ver
                  e volve
                  L value
                  Formedone (Universal) Kelorons.
 main()
      int y{};
      auto&& x = y;
Pvoid func(int&& x)
                                                  template <typename T> <T> Prov
   template <typename T>
                                                 pvoid func (volatile T&& x)
  ⊡void func(T&& x)
 template <typename T>
 void func(std::vector<T)&& x);</pre>
 template <typename T>
 void func(T&x, typename T::value_type &&y;
 template <typename T> <T
                                                  template <typename T>
class Necco {
                                                  □class Necco {
 public:
                                                   public:
      void func(T&&);
                                                        template <typename U>
                                                        void func(U &&);
 template <typename T> | <T> Provide sample
class Vector {
 public:
      void push_back(T&&);
      void push_back(const T&);
```

- Next I freu

. (Ayrıca preu) vopuplane senertigi rie, iteratira alic, noos sandir konun dondirir.

```
using namespace std;

list mylist{ 1, 3, 5, 7, 13 };
auto iter = mylist.begin();
advance(iter, 4);

prev(iter, 2)

default agaman ne de affinit.

by default 1 var.
```

next / prev kulan

- Iter Surge:

· The sterotor alu, a the sterotor homenable nesseles tokas ede!

Insectorian

Expression	Kind of Inserter
back_inserter(container)	Appends in the same order by using push_back(val)
<pre>front_inserter(container) inserter(container,pos)</pre>	Inserts at the front in reverse order by using push_front(val) Inserts at pos (in the same order) by using insert(pos, val)

- Generale -n:

Two such function objects are then used by the generate() and generate_n() algorithms, which use generated values to write them into a collection: The expression

```
IntSequence(1)
```

in the statement

creates such a function object initialized with 1. The generate_n() algorithm uses it nine times to

B

```
· Sequence Contorners -> vector, deque, list, forward list, array, string, vector.
                   · Associative Contemers -> set, multiset, map, multimap
                   · Unordered Associative Centerners -> unordered set, unordered multiset, unordered multimep
- Sequence containeder, elilene ve silvne rilemitrini, belirit bir konun overnolen yapar, Folat, associalive contemedar, alger
tron upper. (only in orlaring he bring tree ver)
- byle formingoniar var his term containellerab var
                                                   -> clear
                                                   -> empty ( returns book true I fempty)
- Breiler da genetik kentornen tuche ozelder.
   Alagamolar, itesatorier arguman alir, container in lendistricalmer. Bu youden, continer the lakingnum egismok abha dojiru
       mylist.reverse() > bout intiralle, vern alle
                                                       - points in gosterdige elemen desictions lane pornties desictions.
       reverse(mylist.begin(),
                                                                          · Bu tro insect (bolisyenier, Overlood, editeret, your.
    class Vector {
        void push_back(const T&); -> copy ctor
                                                                                   pull-bept
        void push_back(T&&); -> move Ctor
                                                                                   push front
                                      wave older term, push back
    fighter_vec.push_back(myfighter); >>
                                      Jopilank sind nonestro lopys
    fighter_vec.push_back(myfighter);
                                      cultatilir, a topya pran-book yapılır!
  Push us Employe Contri
  int main()
                                                                      -> push-back (2005+ Tt) parametral: Contrigonic Cognidi
                                                                     Bu overlood, vector on sounding, bellet alanma, notice advert
        using namespace std;
        vector<Date> dvec;
        Date mydate{ 23, 7,1998 };
        dvec.push back(mydate);
  int main()
                                                                         emplace back ise, aldyl organizati,
                                                                                                    Snifin Controlation
       using namespace std;
                                                                          forword eder. 1
       vector<Date> dvec;
       Date mydate{ 23, 7,1998 };
        dvec.emplace_back(23, 7, 1965);
```

```
Containeder, referens exemptings the eatomor X. Foliot, burn yopmore,
 int main()
     using namespace std;
                                                             vector(Fighter *>
                                                             vector<unique_ptr<Fighter>>
     vector<Date&> myvec;
                                                             vector<reference_wrapper<>>
                                                                              trenin kendisini tumak yerine,
* Vector:
· Dymanic array contiguous memory allocated dr. interi bilinen agage
· Acray has 14, object on contened older gros,
 # at forkiyon, C I is ayns. ter like LI de greene index, exception throwether, at
int main()
    vector<int> ivec(100);
```