```
* String Length:
 -> congt member finetiondur.
 - toro
        size + / auto ile
 int main()
                                                                  * Delectinitionization older ich length = 0
     std::string s1;
     std::string s2{};
     //auto len = s1.length();
     //std::size_t len = s1.length();
      //std::string::size_type len = s1.length();
  > Follow: String Class agrica bir cantaneadir. Contamerlarin genel bir Antolyanı
                                                                                  stee constitue lankshonu worder.
                                                                              -> length ite aynı
                                                                              -> generic programiamoda,
                                                                                                        she who
  · Empty: · Vacouler vor mi yok mu, sinemerini yepen ve booleen chrothren member firefran
   · Clear: · Diger conferner lardo da var. Stringin term siler
   · Copperty: · lealloc
                                       alatherost the soust.
            - Hoterlatma: 1) String ton 3 painter yelen
                                                         span beak
                                                        روان مون ح
                           2) Otemotic ornor -> stackte
                              Dinenih omor -> near
                               Global
                                           ⇒ Dole
       · Leserve: • String lapositesmi reserve eder.
```

```
· Erase: · Veiller soyan itileren siler
```

· Shrink to Fit: · Studice, allowed olen do how the.

* Strong Sinial Constructorion:

- · char parametricit string renektator yok, std:: string si (141) -> gyntox habbi
- · ter paretrell yoparok rain: Cottony constrain

fill constructor

Instizuolizer list constrolor,

```
std::string s1("A"); >cstring

std::string s2(1, 'B'); > cnl

std::string s3{ 'C' }; > mir und Int link £3 to squ warme

std::cout << "s1 = " << s1 << "\n";

std::cout << "s2 = " << s2 << "\n";

std::cout << "s3 = " << s3 << "\n";
```

-> Substring Constructors:

```
sint main()
{
    std::string s1{ "volkan gundogdu" };
    std::string s2{ s1, 7 };
    std::string s3{ s1, 7, 3 };

    std::cout << "[" << s2 << "]\n";
    std::cout << "[" << s3 << "]\n";
}</pre>
```

-Sozet:

```
default(1) string();
    copy (2) string (const string& str);
    substring (3) string (const string& str, size_t pos, size_t len = npos);

from e-ztring (4) string (const char* s);

from buffer (5) string (const char* s, size_t n);
    fill (6) string (size_t n, char c);
    range (7) template <class InputIterator> string (InputIterator first, InputIterator last);
initializer list (8) string (initializer_list<char> il);
    move (9) string (string&& str) noexcept;
```

Construct string object

Constructs a string object, initializing its value depending on the constructor version used:

(1) empty string constructor (default constructor)

Constructs an empty string, with a length of zero characters.

(2) copy constructor

Constructs a copy of str.

(3) substring constructor

Copies the portion of **str** that begins at the character position **pos** and spans **len** characters (or until the end of **str**, if either **str** is too short or if **len** is <u>string_nos</u>).

(4) from c-string

Copies the null-terminated character sequence (C-string) pointed by s.

(5) from buffer

Copies the first n characters from the array of characters pointed by s.

(6) fill constructor

Fills the string with n consecutive copies of character c.

(7) range constructor

Copies the sequence of characters in the range [first, last), in the same order.

(8) initializer list

Copies each of the characters in il, in the same order.

(9) move constructor

Acquires the contents of str.

str is left in an unspecified but valid state.

```
* The onem to relevance: Arama danketypolarinda kullandur. — oger Revitar kullandures

Grand internal summa sumfarm tooth

global arama danketypolarinda kullandur.

* Depart street terondan alabiteceke en boytk digit

string str{ "eray goksu" };

auto idx = str.find('t');

if (idx != string::npos) { } eger Jarsa
torondan kullanur.
}
```

· Begin ve End:

· Range based for loop:

```
string str{ "eray goksu" };

for (auto iter = str.begin(); iter != str.end(); ++iter) {

* iter - bowlere ensir.
}
```

```
string str{ "eray goksu" };

for (auto c : str) {
         cout << c << "\n";
}</pre>
```

. Okuma amaali kulanimaa oku. Fokot depretiini relevinde yereldepreter degistriya

Degratione item outo 1 c. olmoli

> STL kitokindon devom edicem. Önemli kamlan al vidodi

```
"\n" string literal

const char[2]

"\n" ==> const char *

'\n' ] > kerakler / c+ cher
[Heroli / c fn|
```

```
std::string s{ "SULEYMAN" };

s.clear();
s.erase();
s.erase(0, std::string::npos);
s.erase(0, s.size());
s.erase(s.begin(), s.end());
s.resize(0);
s = "";
s = {};
s = string{};
s.assign("");
//
```