

String built-in functions:

Capacity

- 1) `s.size()` -> returns the size of the string.
- 2) `s.max_size()` -> returns the maximum size that string can hold.
- 3) `s.capacity()` -> returns current available capacity of the string.
- 4) `s.clear()` -> clear the string.
- 5) `s.empty()` -> return true/false if the string is empty.
- 6) `s.resize()` -> change the size of the string.

Element access

- 1) `S[i]` -> access the ith index of the string.
- 2) `s.at(i)` -> access the ith index of the string.
- 3) `s.back()` -> access the last element of the string.
- 4) `s.front()` -> access the first element of the string.

Modifiers

- 1) `s+=` -> append another string.
- 2) `s.append()` -> append another string.
- 3) `s.push_back()` -> add character to the last of the string.
- 4) `s.pop_back()` -> remove the last character of the string.
- 5) `s=` -> assign string.
- 6) `s.assign()` -> assign string.
- 7) `s.erase()` -> erase characters from the string.
- 8) `s.replace()` -> replace a portion of the string.
- 9) `s.insert()` -> insert a portion to a specific position.

Iterators

- 1) `s.begin()` -> pointer to the first element.
- 2) `s.end()` -> pointer to the next element after the last element of the string.