# 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.