String built-in functions:

1. **Capacity**
   a. s.size() -> returns the size of the string.
   b. s.max_size() -> returns the maximum size that string can hold.
   c. s.capacity() -> returns current available capacity of the string.
   d. s.clear() -> clear the string.
   e. s.empty() -> return true/false if the string is empty.
   f. s.resize() -> change the size of the string.

2. **Element access**
   a. S[i] -> access the ith index of the string.
   b. s.at(i) -> access the ith index of the string.
   c. s.back() -> access the last element of the string.
   d. s.front() -> access the first element of the string.

3. **Modifiers**
   a. s+= -> append another string.
   b. s.append() -> append another string.
   c. s.push_back() -> add character to the last of the string.
   d. s.pop_back() -> remove the last character of the string.
   e. s= -> assign string.
   f. s.assign() -> assign string.
   g. s.erase() -> erase characters from the string.
   h. s.replace() -> replace a portion of the string.
   i. s.insert() -> insert a portion to a specific position.

4. **Iterators**
   a. s.begin() -> pointer to the first element.
   b. s.end() -> pointer to the next element after the last element of the string.