1. **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.
2. **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.
3. **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.
4. **Iterators**
   1. s.begin() -> pointer to the first element.
   2. s.end() -> pointer to the next element after the last element of the string.