

This C++ program demonstrates various string operations:

1. **\*\*Concatenation\*\***: Combines `"Hello"` with `", World!"`, resulting in `"Hello, World!"`.
2. **\*\*Substring\*\***: Extracts a part of the string starting at position `7` and of length `5`, giving `"World"`.
3. **\*\*Find\*\***: Locates the position of the substring `"World"` within `"Hello, World!"`, returning position `7`.
4. **\*\*Replace\*\***: Replaces `"World"` with `"C++"` in the string, resulting in `"Hello, C++!"`.
5. **\*\*Insert\*\***: Inserts `" beautiful"` at position `5` in the original string, resulting in `"Hello beautiful, World!"`.
6. **\*\*Erase\*\***: Removes `7` characters starting at position `5`, effectively removing `" beautiful"` and reverting to `"Hello, World!"`.
7. **\*\*To Uppercase\*\***: Converts the entire string to uppercase, resulting in `"HELLO, WORLD!"`.
8. **\*\*To Lowercase\*\***: Converts the entire string to lowercase, resulting in `"hello, world!"`.

This program covers fundamental string manipulation techniques commonly used in C++.