

**Objectives:**

- C++ Programming Pointers
- C++ File name is **StudentID\_qNO.cpp**
- **Note:** Write comments in your code for explaining steps.
- **Note:** Pay attention to the indentations in your code.

**Question 1: Write a program that reverse a given string. You can get the input string value from the user or define it as static. Also, if you want, you can do it in a function.**

**Sample output:**

Original string: Python  
Reverse string: nohtyP

**Question 2: Write a program to capitalize the first letter of each word of a given string. Words must be separated by only one space. You can get the input string value from the user or define it as static. Also, if you want, you can do it in a function.**

**Sample output:**

cpp programming strings  
Cpp Programming Strings

**Question 3: Write a program to find the largest word in a given string. You can get the input string value from the user or define it as static. Also, if you want, you can do it in a function.**

**Sample output:**

Original String: Cpp is a programming language for everyone.

Longest word: programming

**Question 4: Write a program to check whether the characters e and g are separated by exactly 2 places anywhere in a given string at least once. You can get the input string value from the user or define it as static. Also, if you want, you can do it in a function.**

**Sample outputs (multiple run):**

Original string: eagerer -> 1

Original string: eaglets -> 1

Original string: eardrop -> 0