**Overview of Basic Concepts in C++ - Chapter 7**

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Chapters 7 discuss some basic concepts about arrays and strings in C++. All of the details in the book are not being covered here, only those that are new or important.

## Reading Embedded Blanks

By default, we cannot take inputs of multiple words with spaces in between into a single string. To do this, we need to use the get() function from the stream class (of which cin is an object).

cin.get(str, **MAX**);

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Here, str is the string variable and **MAX** is the maximum number of characters.

## Reading Multiple Lines

We can read multiple lines in a similar manner.

cin.get(str, **MAX**, '$');

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Input will be taken until the maximum size has been reached or the '$' character has been entered.

## Modifying string Objects

s1.erase(0, 7); *//removes 7 characters from the 0th index onwards*s1.replace(9, 5, s2);*//replace 5 characters from the 9th index onwards with s2*s1.insert(0, s3); *//inserts s3 before the 0th index*s1.append(3, ‘!’); *//adds ‘!’ 3 times to the end*int x = s1.find(‘ ‘); *//returns index of ‘ ‘ character*

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## Accessing Characters in string Objects

char a = s.at(5); *//gets character at 5th index*

C++