Example #1 - Getline

#include <iostream>

using namespace std;

int main()

{

string s1;

getline (cin, s1);

cout << "The string I entered in is: " << s1 << endl;

return 0;

}

Example #2 - Assign

#include <iostream>

using namespace std;

int main()

{

string s1 = "Hello ";

string s2;

string s3;

s2.assign(s1);

cout << s1 << endl;

cout << s2 << endl;

return 0;

}

Example #3 - At

#include <iostream>

using namespace std;

int main()

{

string s1 = "I love C++";

string s2;

string s3;

cout << s1.at(5) << endl;

return 0;

}

Example #4 - Substring

#include <iostream>

using namespace std;

int main()

{

string s1 = "I really love C++";

string s2;

string s3;

cout << s1 << endl;

cout << s1.substr(9, 8) << endl;

return 0;

}

Example #5 - Swap

#include <iostream>

using namespace std;

int main()

{

string s1 = "I really love C++";

string s2 = "I really dislike C++";

string s3;

s1.swap(s2);

cout << s1 << endl;

cout << s2 << endl;

return 0;

}

Example #6 - Find

#include <iostream>

using namespace std;

int main()

{

string s1 = "I really love C++";

cout << s1 << endl;

cout << s1.find("love") << endl;

return 0;

}

Example #7 - Erase

#include <iostream>

using namespace std;

int main()

{

string s1 = "Hi, My name is Kurt and I love french toast!";

cout << s1 << endl;

cout << s1.erase(31) << endl;

return 0;

}

Example #8 - Replace

#include <iostream>

using namespace std;

int main()

{

string s1 = "Hi, My name is Kurt and I love french toast!";

cout << s1 << endl;

s1.replace(15, 4, "Matt Damon");

cout << s1 << endl;

return 0;

}

Example #9 - Insert

#include <iostream>

using namespace std;

int main()

{

string s1 = "Hi, My name is Kurt and I love french toast!";

cout << s1 << endl;

s1.insert(20, "Ross ");

cout << s1 << endl;

return 0;

}