

Find all occurrences:

```
size_t nPos = s.find("hello", 0); // first occurrence
while(nPos != string::npos)
{
    count++;
    nPos = s.find("hello", nPos+1);
}
```

Convert string to integer

```
string str = "12300000456";
stringstream ss(str);
int num;
ss >> num;
cout<<num<<endl;
```

```
string.find(substring, index); // starts from index position
```

```
string.replace(index,3,substring); // replaces 3 characters starting from position 3
by substring
```

```
string.substr(start, length); // length is the number of characters in the substring
string.substr(start); // till the last
```

Erase a substring of a string

```
str.erase (1,3);           // starting from index 1 delete 3 characters
str.erase(1);              // starting from index 1 delete whole of the string
str.erase (str.begin()+5, str.end()); // delete starting from first pointer to
// the second pointer
str.erase (str.begin()+1); // this particular index character
```

```
stringstream ss("bla bla");
string s;
while (getline(ss, s, ' ')) {
    cout << s << endl;
}
```