

```
using namespace std;
#include <fstream>
#include <iostream>
#include <string>
```

If you declare an object of type string, you must include the header file <string>.

```
int main()
{ifstream fin;
```

If you declare an object as an array of character it is included in the <iostream> header file.

```
int i,pos=0;
char line[80];
```

getline is a function for character arrays.

```
string name,temp("sam");
double gross,hours,rate;
fin.open("strdata3.txt");
for (i=0;i<3;i++)
```

```
{ fin >>name;
cin.getline(line, 80);
cout << name<<endl;
pos=name.find(temp,0);
cout << "found sam at "<<pos<<"\n";
```

This function and other string functions for string class are listed on pages 582 and 583 of your textbook.

```
}
```

```
return 0;
```

```
}
```

The method for comparing character arrays is listed on pages 558 and 559.

```
if ((strcmp(name1, name2) ==0)
.... equal
else if ((strcmp(name1, name2) <0)
.... name1 < name2  A < F
else if ((strcmp(name1, name2) >0)
.... name1 > name2  F > A
```

The method comparing strings is in on page 578 of your textbook.

```
if (name1<name2)
...,....
else if (name1>2)
```

Differences Between HTML and XHTML

In HTML the <meta> tag has no end tag.

In XHTML the <meta> tag must be properly closed.

Examples

Example 1 - Define keywords for search engines:

```
<meta name="keywords" content="HTML, CSS, XML, XHTML, JavaScript">
```

Example 2 - Define a description of your web page:

```
<meta name="description" content="Free Web tutorials on HTML and CSS"
```

Example of data file

```
wright,sam,george,sue,darrell    40    5
sue,darrell,sam    30    6
george,sue,darrellgeorge    10    20
```