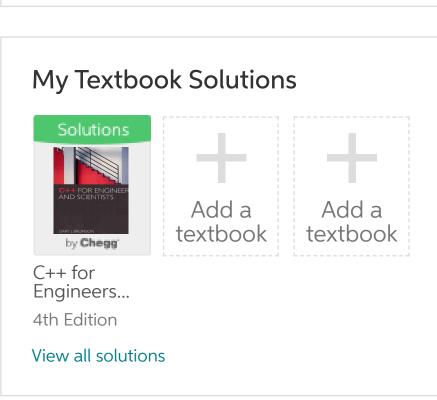


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```
#include <iostream>
#include <string>
using namespace std;
// main function
int main()
Declare two string type array strarray[], which is used to store the user input string
while str[] is used to do the computation.
     //array decleration
      string strarray[5],str[5];
The variable numChars is used to store the length of the user input name string
while i is used as the loopcounter.
      //variable decleration
     int numChars,i;
The variable pos is used to store the position of the blankspace.
      //delare and initialise the variable
      int pos=0;
The for () loop is implemented to perform computation in the string array. With each
implementation of the for () loop the name in the array strarray [i] is taken and is
inverted then diplays the last name before the first name.
      for (i=0;i<5;i++)</pre>
            cout << "Please enter the name " <<endl;</pre>
The getline() function is used to read the user input value.
            //read user input
            getline(cin, strarray[i]);
The length of the string str is calculated using the length () function and is stored in
numChars.
            //calculate string length
            numChars= int(strarray[i].length());
            if((strarray[i]).find(' '))
The position of the blankspace is stored in the pos variable with the help of string class
function to find the position of the given value.
                 //find position of the blankspace
                 pos = (strarray[i]).find(' ');
The string value in strarray[i] after the blankspace is stored in another string
str[i] and the unwanted string element after the blank space are removed from the
strarray[i] string using the erase() function of string class.
            //copy substring and erase the unwanted space
            str[i] = (strarray[i]).substr(pos+1,numChars);
            strarray[i].erase(pos);
            //Display output.
            cout << "The name after inversion is: " << str[i]</pre>
            << " " <<strarray[i]<<endl;
Comment
                               Step 3 of 3 ^
Sample output:
Please enter the name
michel jackson
The name after inversion is: jackson michel
Please enter the name
tom cruise
The name after inversion is: cruise tom
Please enter the name
ricky perry
The name after inversion is: perry ricky
Please enter the name
tommy dic
The name after inversion is: dic tommy
Please enter the name
sim gibbs
The name after inversion is: gibbs sim
```

Recommended solutions for you to review Chapter 5.3, Problem 6E Chapter 12.2, Problem 5E (Conversion)a. Write a C++ program to convert (Program) Write a C++ program that has a Date meters to feet. The program should request the class and a Julian class. The Date class should be starting meter value, the number... the same Date class used in... See solution See solution

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