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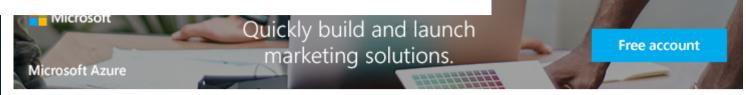**Reference**
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copy from one vector to another

doforumda (13)   Mar 1, 2011 at 8:03pm

hi I am trying to read text from text file and put it in a vector v1. then I copy text from v1 to another vector v2.
my text file is in this format

```
 1  studentName
 2  Student Name One
 3  FatherName
 4  Father Name of Student One
 5
 6  separator
 7
 8  studentName
 9  Student name Two
10  FatherName
11  Father name of Student Two
12
13  separator
14
15  studentName
16  Student Name three
17  FatherName
18  Father Name of Student three
19
20  separator
21
22  studentName
23  Student name four
24  FatherName
25  Father name of Student four
```

so while writing text to v2 from v1 I dont want to write "studentName", FatherName and separator. I do not want to write these
because these are my separators. I just want to write student name one, father name of student one and so on.

here is my code so far

```
 1  #include <iostream>
```

```
 2 #include <vector>
 3 #include <algorithm>
 4 #include <string>
 5 #include <fstream>
 6 using namespace std;
 7
 8 int main()
 9 {
10         vector<string> v1;
11         vector<string> v2;
12         string line;
13
14         ifstream in("names.txt", ios::in);
15         while(!in.eof()) {
16                 getline(in, line);
17                 v1.push_back(line);
18         }
19         //cout << v1.size();
20         copy(v1.begin(), v1.end(), v2.begin());
21         int ii;
22         for(ii = 0; ii < v2.size(); ii++) {
23                 cout << v2[ii];
24         }
25         system("pause");
26         return 0;
27 }
```

while running the above code it also displays this error

```
1 Debug assertion failed
2 Expression: vector iterator + offset out of range
```

Please help how can I achieve above solution?

coder777 (6324)   Mar 1, 2011 at 9:03pm

`v1 = v2` should do it and then remove what you don't want

Last edited on Mar 1, 2011 at 9:05pm

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