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/*
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Course: CSCI-136
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Assignment: E6.18, e.g., Lab1C
```

```
Appends one vector after another
*/
```

```
#include <cmath>
#include <vector>
#include <iostream>
using namespace std;
```

```
vector<int> append(vector<int> a, vector<int> b);
```

```
int main()
{
    vector<int> a{ 1, 4, 9, 16 };
    vector<int> b{ 9, 7, 4, 9, 11};
    vector<int> c;
    c = append(a,b);

    for(int x = 0; x < (a.size() + b.size()); x++)
    {
        cout << c[x] << " ";
    }
}
```

```
vector<int> append(vector<int> a, vector<int> b)
{
    for(int i = 0; i < b.size(); i++)
    {
        a.push_back(b[i]);
    }
    return a;
}
```