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#include<bits/stdc++.h> //Header file for STL
     cout<<"Hello STL VECTOR!"<<endl<<endl;</pre>
    v.push_back(1); //Store 1 at index 0 / v[0]
v.push_back(2); //Store 2 at index 1 / v[1]
v.push_back(3); //Store 3 at index 2 / v[2]
//Print data of vector
     cout << v[0] << ""<< v[1] << "" << v[2] << endl; //General method - print garbage value if the index does
     cout<<v.at(0)<<" "<<v.at(1)<<" "<<v.at(2)<<endl; //Using at() function - print error message if</pre>
     cout<<"Vector Size: "<<v.size()<<endl; //Get the size of the vector.
v.front()=5; //Replace/Assign the first value of vector using front() function.
v.back()=10; //Replace/Assign the last value of vector using back() function.</pre>
     for(int i=0;i<v.size();i++){</pre>
     cout<<v.front()<<endl; //Print the first value of vector using front() function.</pre>
     cout<<v.back()<<endl; //Print the last value of the vector using back() function.
v.clear(); //Clear the vector or delete all data of vector using clear() function.</pre>
     cout<<v.size()<<endl; //Size is 0 after clearing the vector means there is no data in vector.
     //Check weather the vector is empty
if(v.empty()) cout<<"Empty"<<endl;</pre>
     else cout<<"Not Empty"<<endl<<endl;</pre>
     for(int i=0;i<vv.size();i++){</pre>
     cout<<endl:
     vv.pop_back(); //Delete the last data of vector using pop_back() function.
     for(int i=0;i<vv.size();i++){
          cout<<vv.at(i)<<"</pre>
     vv.erase(vv.begin()+2); //Delete the data of index 2 using erase() function.
cout<<"vv before swap : ";</pre>
     for(int i=0;i<vv.size();i++){
          cout<<vv.at(i)<<"
     vector<int>vvv = {1,2,3,4,5};
     vvv.erase(vvv.begin()+2,vvv.end()); //Delete data from index 2 to last index.
for(int i=0;i<vvv.size();i++){</pre>
          cout<<vvv.at(i)<<"
     vvv.insert(vvv.begin()+1,5); //Insert a data in a certain index(1) using insert() function.
     for(int i=0;i<vvv.size();i++){</pre>
          cout<<vvv.at(i)<<"
     vvv.insert(vvv.begin()+1,3,5); //Insert data multiple times.
     cout<<"vvv before swap : ";
for(int i=0;i<vvv.size();i++){</pre>
          cout<<vvv.at(i)<<"</pre>
     cout<<endl:
     swap(vv,vvv); // Swap two vector using swap() function.
     cout<<"vv after swap and before sorting:</pre>
     for(int i=0;i<vv.size();i++){</pre>
          cout<<vv.at(i)<<"
     cout<<"vvv after swap : ";</pre>
     for(int i=0;i<vvv.size();i++){
          cout<<vvv.at(i)<<"
     sort(vv.begin(),vv.end()); //Sort the elements of a vector increasingly.
cout<<"vvv after sorting: ";
for(int i=0;i<vv.size();i++){</pre>
          cout<<vv.at(i)<<"
     reverse(vv.begin(),vv.end()); //Reverse a vector.
     cout<<"vvv after reverse :
     for(int i=0;i<vv.size();i++){</pre>
          cout<<vv.at(i)<<"
     vector<int>::iterator it; //Declaring iterator
for(it=vv.begin();it!=vv.end();it++){
    cout<<*it<<" "; //Print a vector using iterator</pre>
     cout<<endl;
```