

RunDebugStopShareSaveBuild

main.cpp

close ad [x]

```
1 #include<iostream>
2 #include<set>
3 #include<algorithm>
4 #include<vector>
5
6 using namespace std;
7 int main(){
8     vector<int> A = {1,2,3,4,5};
9     vector<int> B = {4,5,6,7};
10    set<int> unionset;
11    int size = A.size();
12    int size2 = B.size();
13    set_union(A.begin(),A.end(),B.begin(),B.end() , inserter(unionset,unionset.begin()));
14
15    cout<<"A U B:\n";
16    for(int i : unionset){
17        cout<<i<<" ";
18    }
19 }
```

input

A U B:
1 2 3 4 5 6 7
...Program finished with exit code 0
Press ENTER to exit console.

Run Debug Stop Share Save Beauty

Language C++

main.cpp

```
1 #include <iostream>
2 #include <algorithm>
3 using namespace std;
4
5 int main() {
6     int n1, n2;
7     cout << "Enter number of elements in Set A: ";
8     cin >> n1;
9     int A[n1];
10    cout << "Enter elements of Set A: ";
11    for(int i=0; i<n1; i++){
12        cin >> A[i];
13    }
14
15    cout << "Enter number of elements in Set B: ";
16    cin >> n2;
17    int B[n2];
18    cout << "Enter elements of Set B: ";
19    for(int i=0; i<n2; i++){
20        cin >> B[i];
21    }
22
23    // Sort both sets
24    sort(A, A+n1);
25    sort(B, B+n2);
26
```

close ad [x]

input

```
Enter number of elements in Set A: 4
Enter elements of Set A: {2,4,6,8}
Enter number of elements in Set B: Enter elements of Set B:
Intersection of A and B is:
```

..Program finished with exit code 0

Press ENTER to exit console.