```
□ παπ.υρμ / ...
                                                        1 #include <iostream>
                                                                 Five of Clubs
                                                                 Jack of Diamonds
  2 #include <string>
                                                                 Five of Spades
  3 #include <cstdlib>
                                                                 Eight of Spades
  4 #include <ctime>
                                                                 Jack of Hearts
Seven of Spades
  5 #include <vector>
                                                                 Ten of Hearts
  6
                                                                 Three of Clubs
  7 √ class Card {
                                                                 Four of Clubs
                                                                 Ace of Diamonds
     public:
  8
                                                                 Jack of Clubs
  9
          int face;
                                                                 Six of Diamonds
 10
          int suit;
                                                                 Ace of Hearts
                                                                 Five of Diamonds
 11
                                                                 Eight of Diamonds
  12
          Card(int cardFace, int cardSuit) : face(cardFace),
                                                                 Nine of Hearts
      suit(cardSuit) {}
                                                                 Jack of Spades
                                                                 Four of Hearts
 13
                                                                 Ten of Clubs
 14
          static const std::string faces[];
                                                                 Ace of Spades
 15
          static const std::string suits[];
                                                                 Eight of Hearts
 16
                                                                 Nine of Clubs
                                                                 King of Hearts
          std::string toString() const {
 17 🗸
                                                                 Two of Spades
 18
              return faces[face] + " of " + suits[suit];
                                                                 Nine of Spades
 19
                                                                 Nine of Diamonds
                                                                 Three of Diamonds
 20
                                                                 Queen of Spades
 21
          static const int totalFaces = 13;
                                                                 Two of Clubs
 22
          static const int totalSuits = 4;
                                                                 King of Spades
 23 };
                                                                 King of Diamonds
                                                                 Queen of Clubs
 24
                                                                 Six of Clubs
 25 const std..string Card..faces[] = {"Ace" "Two"
                                                                 Four of Diamonds
```

```
1 #include <iostream>
                                                             Set 1: 1 3 5 7 9
Set 2: 2 4 6 8 10
Union of Set 1 and Set 2: 1 2 3 4 5 6 7 8 9 10
  2 #include <vector>
 3
                                                              Intersection of Set 1 and Set 2: ---
 4 v class IntegerSet {
                                                             Is Set 1 equal to Set 2? No
After inserting 12 into Set 1: 1 3 5 7 9 12
After deleting 6 from Set 2: 2 4 8 10
 5 private:
        static const int setSize = 101; // Range from 0
  6
     to 100
 7
     std::vector<bool> set;
 8
 9 public:
 10
     IntegerSet() : set(setSize, false) {}
 11
 set(setSize, false) {
 13 v for (int i = 0; i < size; ++i) {
 14 🗸
             if (arr[i] >= 0 && arr[i] <= 100) {
 15
                    set[arr[i]] = true;
 16
           }
 17
 18
 19
       void unionOfSets(const IntegerSet& set1, const
  IntegerSet& set2) {
 21_{\lor} for (int i = 0; i < setSize; ++i) {
 22 set[i] = set1.set[i] || set2.set[i];
```