

// H8p 2 top hop

```
vector<int> unionSets (const vector<int>& set1, const vector<int>& set2) {
```

```
    vector<int> result;
```

```
    for (int elem : set1) {  
        result.push_back(elem)
```

```
    for (int elem : set2) {  
        if (find(result.begin(), result.end(), elem) == result.end()) {  
            result.push_back(elem);
```

```
        }  
    }
```

```
    return result;
```

```
}
```