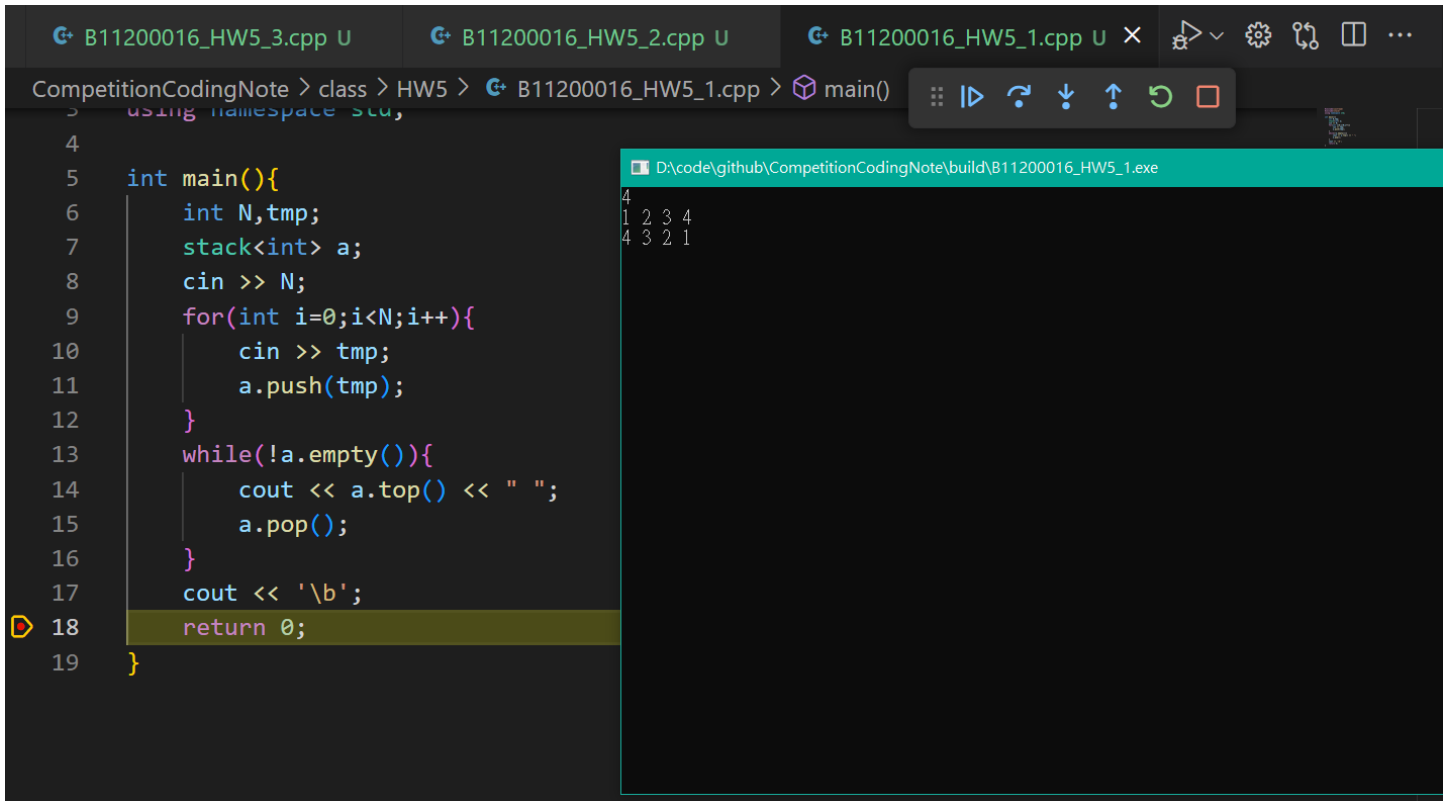


1.

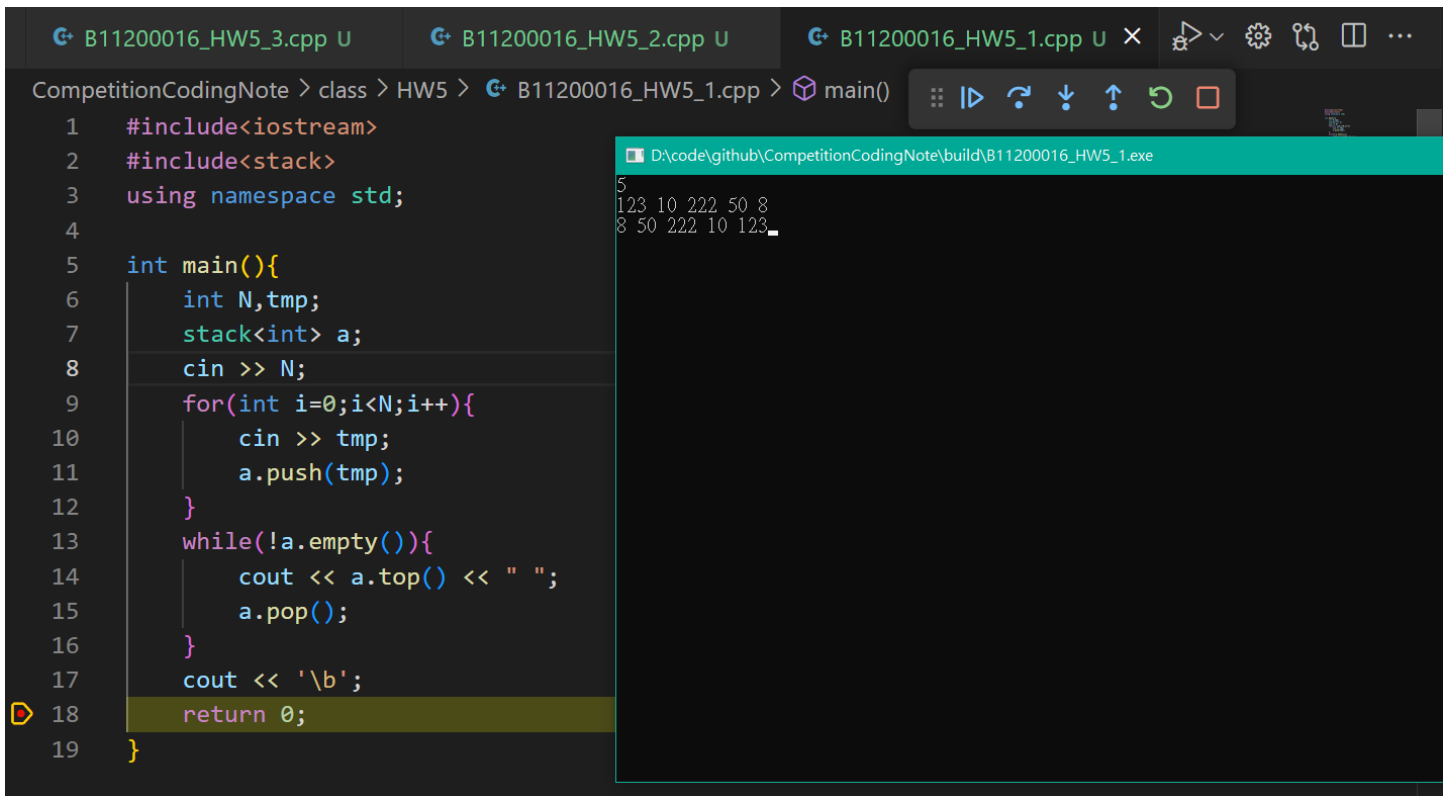


The screenshot shows a C++ IDE with three tabs: B11200016_HW5_3.cpp U, B11200016_HW5_2.cpp U, and B11200016_HW5_1.cpp U. The active tab is B11200016_HW5_1.cpp U, which contains the following code:

```
1 using namespace std;
2
3
4
5 int main(){
6     int N,tmp;
7     stack<int> a;
8     cin >> N;
9     for(int i=0;i<N;i++){
10         cin >> tmp;
11         a.push(tmp);
12     }
13     while(!a.empty()){
14         cout << a.top() << " ";
15         a.pop();
16     }
17     cout << '\b';
18     return 0;
19 }
```

The output window shows the execution results:

```
D:\code\github\CompetitionCodingNote\build\B11200016_HW5_1.exe
4
1 2 3 4
4 3 2 1
```



The screenshot shows a C++ IDE with three tabs: B11200016_HW5_3.cpp U, B11200016_HW5_2.cpp U, and B11200016_HW5_1.cpp U. The active tab is B11200016_HW5_1.cpp U, which contains the following code:

```
1 #include<iostream>
2 #include<stack>
3 using namespace std;
4
5 int main(){
6     int N,tmp;
7     stack<int> a;
8     cin >> N;
9     for(int i=0;i<N;i++){
10         cin >> tmp;
11         a.push(tmp);
12     }
13     while(!a.empty()){
14         cout << a.top() << " ";
15         a.pop();
16     }
17     cout << '\b';
18     return 0;
19 }
```

The output window shows the execution results:

```
D:\code\github\CompetitionCodingNote\build\B11200016_HW5_1.exe
5
123 10 222 50 8
8 50 222 10 123_
```

```
CompetitionCodingNote > class > HW5 > B11200016_HW5_1.cpp > main()
1  #include<iostream>
2  #include<stack>
3  using namespace std;
4
5  int main(){
6      int N,tmp;
7      stack<int> a;
8      cin >> N;
9      for(int i=0;i<N;i++){
10         cin >> tmp;
11         a.push(tmp);
12     }
13     while(!a.empty()){
14         cout << a.top() << " ";
15         a.pop();
16     }
17     cout << '\b';
18     return 0;
19 }
```

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_1.exe

```
3
5 8 4
4 8 5
```

2.

```
CompetitionCodingNote > class > HW5 > B11200016_HW5_2.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main(){
5      int N,tmp,a[3] {0,0,0};
6      cin >> N;
7      for(;N>0;N--){
8         cin >> tmp;
9         a[tmp%3]+=1;
10     }
11     cout << a[0] << " " << a[1] << " " << a[2];
12     return 0;
13 }
```

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_2.exe

```
5
3 6 9 12 15
5 0 0_
```

B11200016_HW4_1.cpp U

B11200016_HW5_3.cpp U

B11200016_HW5_2.cpp U

CompetitionCodingNote > class > HW5 > B11200016_HW5_2.cpp > main()

1 #include <iostream>

2 using namespace std;

3

4 int main(){

5 int N,tmp,a[3] {0,0,0};

6 cin >> N;

7 for(;N>0;N--){

8 cin >> tmp;

9 a[tmp%3]+=1;

10 }

11 cout << a[0] << " " << a[1] << " " << a[2];

12 return 0;

13 }

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_2.exe

5

1 2 3 4 5

1 2 2

B11200016_HW4_1.cpp U

B11200016_HW5_3.cpp U

B11200016_HW5_2.cpp U

CompetitionCodingNote > class > HW5 > B11200016_HW5_2.cpp > main()

1 #include <iostream>

2 using namespace std;

3

4 int main(){

5 int N,tmp,a[3] {0,0,0};

6 cin >> N;

7 for(;N>0;N--){

8 cin >> tmp;

9 a[tmp%3]+=1;

10 }

11 cout << a[0] << " " << a[1] << " " << a[2];

12 return 0;

13 }

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_2.exe

3

0 1 2

1 1 1

3.

```
CompetitionCodingNote > class > HW5 > B11200016_HW5_3.cpp > main()
1  #include <iostream>
2  #include <queue>
3  using namespace std;
4  int main(){
5      int L,tmp,count=0;
6      cin >> L;
7      queue<int> a;
8      for(int i=0;i<L;i++){
9          cin >> tmp;
10         a.push(tmp);
11     }
12     while(!a.empty()){
13         cin >> tmp;
14         if(tmp==a.front()){
15             count +=1;
16         }
17         a.pop();
18     }
19     cout << count;
20     return 0;
```

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_3.exe

```
4
1 2 3 4
2 2 3 4
3
```

```
CompetitionCodingNote > class > HW5 > B11200016_HW5_3.cpp > main()
1  #include <iostream>
2  #include <queue>
3  using namespace std;
4  int main(){
5      int L,tmp,count=0;
6      cin >> L;
7      queue<int> a;
8      for(int i=0;i<L;i++){
9          cin >> tmp;
10         a.push(tmp);
11     }
12     while(!a.empty()){
13         cin >> tmp;
14         if(tmp==a.front()){
15             count +=1;
16         }
17         a.pop();
18     }
19     cout << count;
20     return 0;
```

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_3.exe

```
5
100 220 3052 4444 8888
100 212 2222 0 -8
1
```

B11200016_HW5_3.cpp U

B11200016_HW4_2.cpp U

test.cpp U

config.py

CompetitionCodingNote > class > HW5 > B11200016_HW5_3.cpp > main()

1#include <iostream>
2#include <queue>
3using namespace std;
4int main(){
5 int L,tmp,count=0;
6 cin >> L;
7 queue<int> a;
8 for(int i=0;i<L;i++){
9 cin >> tmp;
10 a.push(tmp);
11 }
12 while(!a.empty()){
13 cin >> tmp;
14 if(tmp==a.front()){
15 count +=1;
16 }
17 a.pop();
18 }
19 cout << count;
20 return 0;

D:\code\github\CompetitionCodingNote\build\B11200016_HW5_3.exe
4
1 2 3 4
4 3 2 1
0