Array Initialization

```
1  // Array Initialization Ifk
2
3  #include<iostream>
4
5  using namespace std;
6
7  int main()
8  {
9      // Hard-code elements of array "A"
10
11     int A[4] = {5, 7, -2, 10};
12
13     // Print array "A"
14
15     cout << "Array A" << endl;
16
17     for(int i = 0; i < 4; i++)
18     {
19         cout << "A[" << i << "] : " << A[i] << endl;
20     }
21
22     // Get elements of array "B" from user
23
24     int B[4];
25
26     cout << "\nEnter array B of four elements" << endl;
27
28     for(int i = 0; i < 4; i++)
29     {
30         cout << "B[" << i << "] :" << endl;
31         cin >> B[i];
32     }
33
34     // Print array "B"
35
36     cout << "\nArray B" << endl;
37
38     for(int i = 0; i < 4; i++)
39     {
40         cout << "B[" << i << "] : " << B[i] << endl;
41     }
42
43     return 0;
44 }
```

Test Case 1

Input

```
1  4
2  -6
```

```
9
10
```

Output

```

Array A
A[0] : 5
A[1] : 7
A[2] : -2
A[3] : 10

Enter array B of four elements
B[0] :
B[1] :
B[2] :
B[3] :

Array B
B[0] : 4
B[1] : -6
B[2] : 9
B[3] : 10
```

Test Case 2

Input

```

-8
10
20
99
```

Output

```

Array A
A[0] : 5
A[1] : 7
A[2] : -2
A[3] : 10

Enter array B of four elements
B[0] :
B[1] :
B[2] :
B[3] :

Array B
B[0] : -8
B[1] : 10
B[2] : 20
```

```
17   B[3] : 99
```