

```
1  #include<iostream>
2  using namespace std;
3  int main()
4  {
5      int n1,n2,i,j;
6      cout<<"Enter the no. of elements of the 1st array: ";
7      cin>>n1;
8      int arr1[n1];
9      cout<<"Enter the elements of the 1st array: ";
10     for(i=0;i<n1;i++)
11     {
12         cin>>arr1[i];
13     }
14     cout<<"\nEnter the no. of elements of the 2nd array: ";
15     cin>>n2; int arr2[n2];
16     cout<<"Enter the elements of the 2nd array: ";
17     for(i=0;i<n2;i++)
18     {
19         cin>>arr2[i];
20     }
21
22     cout<<"\nThe intersection of the two arrays: ";
23     for(i=0;i<n1;i++)
24     {
25         for(j=0;j<n2;j++)
26         {
27             if(arr1[i]==arr2[j])
28             { cout<<arr1[i]<<" ";
29             }
30         }
31     }
32     return 0;
33 }
```

 C:\Users\Laxmi\Desktop\Cipher School Training\Program\First1.exe

Enter the no. of elements of the 1st array: 3

Enter the elements of the 1st array: 6

5

4

Enter the no. of elements of the 2nd array: 4

Enter the elements of the 2nd array: 5

8

9

5

The intersection of the two arrays: 5 5

Process exited after 17.41 seconds with return value 0

Press any key to continue . . .

```

1  #include <iostream>
2  using namespace std;
3  struct Node{
4      int data;
5      struct Node* next;
6      Node(int data)
7  {
8      this->data = data;
9      next = NULL;
10 }
11 };
12 struct LinkedList{
13     Node* head;
14     LinkedList()
15     {
16         head = NULL;
17     }
18     void reverse()
19     {
20         {
21             Node* current = head;
22             Node *prev = NULL, *next = NULL;
23             while (current != NULL)
24             {
25                 next = current->next;
26                 current->next = prev;
27                 prev = current;
28                 current = next;
29             }
30             head = prev;
31         }
32     void print()
33     {
34         struct Node* temp = head;
35         while (temp != NULL){
36             cout << temp->data << " ";
37             temp = temp->next;

```

```
38     }
39 }
40 void push(int data){
41     Node* temp = new Node(data);
42     temp->next = head;
43     head = temp;
44 }
45 };
46
47 int main(){
48     LinkedList ll;
49     ll.push(4);
50     ll.push(3);
51     ll.push(2);
52     ll.push(1);
53     cout << "Given linked list\n";
54     ll.print();
55     ll.reverse();
56     cout << "\nReversed Linked list \n";
57     ll.print();
58     return 0;
59 }
60 }
```

 C:\Users\Laxmi\Desktop\Cipher School Training\Program\Second.exe

Given linked list

1 2 3 4

Reversed Linked list

4 3 2 1

Process exited after 0.1498 seconds with return value 0

Press any key to continue . . .

MCQs

1. ostream
2. ifstream
- 3.fstream
4. ios:: binary
5. B
6. B