

Q1

```
#include<iostream>
using namespace std;
int main(
int n1,n2,i,j;
cout<<"Enter the no.of elements of the 1st array:
cin>>n1;
int arr1[n1];
cout<<"Enter the elements of the 1st array:
for(i=0;i<n1;i++)
{
cin>>arr1[i];
}
cout<<"\nEnter the no. of elements of the 2nd array:
cin>>n2;
int arr2[n2];
cout<<"Enter the elements of the 2nd array:
for(i=0;i<n2;i++)
{
cin>>arr2[i];
}
cout<<"\nThe intersection of the two arrays:
for(i=0;i<n1;i++)
for(j=0;j<n2;j++)
if(arr1[i]==arr2[j])
{
cout<<arr1[i]<<"
return 0;
}
```

OUTPUT

```
c:\User s Alt at Rara\oesktop pna collage> cd c:user s vu tat kaza
wesntop va cunagev;lt(s)gtt integer_array.cpp~integer_array
f(s)){. \i nteger_array}
nter the no. of elements of the 1st array: 3
nter the elements of the 1st array:495
nter the no. of elements of the 2nd array: 5
nter the elements of the 2nd array:94984
he intersect ion of the two arrays: 4 4 9 9
' S C:\Users Mayank Dhir\Desktop Apna Collage>
```

Q.2

```
#include <iostream>
using namespace std;
struct Node {
int data;
struct Node* next;
Node(int data)
this->data = data;
next = NULL;
struct LinkedList
{
Node* head;
LinkedList(){ head = NULL;}
void reverse()
{
Node* current = head;
Node *prev = NULL,*next = NULL;
while (current != NULL){
next = current->next;
current->next = prev;
prev = current;
current = next;
}
head = prev;
}
void print()
struct Node* temp = head;
while (temp != NULL){
cout << temp->data
temp = temp->next;
}
void push(int data)
{
Node* temp = new Node(data);
temp->next = head;
head = temp;
}
```

```

int main()
LinkedList l1;
l1.push(4);
l1.push(3);
l1.push(2);
l1.push(1);
cout << "Given linked list\n";
l1.print();
l1.reverse();
cout << "\nReversed Linked list \n";
l1.print();
return 0;
}

```

Output

```

C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19043.1055]
(c)Microsoft Corporation. All rights reserved.
C:\Users\Mayank Dhir>cd Desktop
C:\Users\Mayank Dhir\Desktop>cd Apna collage
C:\Users\Mayank Dhir\Desktop\Apna Collage>g++ Reverse_
linkedlist -o run
g++: error: Reverse_linkedlist: No such file or directory
g++: fatal error: no input files
compilation terminated.
C:\Users\Mayank Dhir\Desktop\Apna Collage>g++ Reverse_
linkedlist.cpp -o run
C:\Users\Mayank Dhir\Desktop\Apna Collage>run
Given linked list
1234
Reversed Linked list
4321
C:\Users\Mayank Dhir\Desktop\Apna Collage>

```

MCQ

1- Ofstream

2- Ifstream

3- Fstream

4- ios::binary

5- B

6- B