

Program to find Sum of all elements in an Array

```
#include <iostream>
using namespace std;

int main()
{
    int A[10]={2,4,6,8,12,3,5,7,9,11};
    int sum=0;

    for(int i=0;i<=10;i++)
        sum=sum+A[i];

    cout<<"The sum is "<<sum<<endl;
}
```

Program to find maximum element from an Array

```
#include <iostream>
using namespace std;

int main()
{
    int A[10]={2,4,6,8,12,3,5,7,9,11};
    int max=INT_MIN;

    for(int i=0;i<=10;i++)
    {
        if(A[i]>max)
            max=A[i];
    }

    cout<<max<<endl;
}
```

Program for Linear Search

```
#include <iostream>
using namespace std;

int main()
{
    int A[10]={2,4,6,8,12,3,5,7,9};
    int key;

    cout<<"Enter a Key element ";
    cin>>key;

    for(int i=0;i<10;i++)
    {
        if(key==A[i])
        {
            cout<<"The Key element is found at "<<i<<endl;
            exit(0);
        }
    }
    cout<<"Key element not found"<<endl;

    return 0;
}
```