**Ex/ Write a C++ program to find the largest element in an array with its index.**

#include<iostream>
using namespace std;
int main()
{
        int large, arr[100], size, i;
        cout<<"\n Enter Array Size (Max 100): ";
        cin>>size;
        cout<<"\n Enter Array Elements : \n";
        for(i=0; i<size; i++)
        {
                cin>>arr[i];
        }
        cout<<"\n Searching for Largest Number \n\n";
        large=arr[0]; int j;
        for(i=0; i<size; i++)
        {
                if(large<=arr[i])
                {j=i;
                        large=arr[i];
                }
        }
        cout<<"Largest Number = "<<large≪” in **index≪j** ;
        return 0;
}

Ex/ Write a C++ program to read two vectors and find the sum of them, and print each pair with its result.

#include<iostream>

#include<iomanip>

using namespace std;

int main()

{ int const n=5;

 int A[n], B[n], C[n], i;

 cout<<"\n Enter Elements of Array A: \n";

 for(i=0; i<n; i++)

 {

 cin>>A[i];

 }

 cout<<"\n Enter Elements of Array B: \n";

 for(i=0; i<n; i++)

 {

 cin>>B[i];

 }

 cout<<"\n Sum of A and B \n\n";

 for(i=0; i<n; i++)

 {

 C[i]= A[i] +B[i];

 }

 cout<<" A"<<setw(13) <<"B"<<setw(13)<<"C"<<endl;

 cout<<"---"<<setw(12) <<"---"<<setw(13)<<"---"<<endl;

 for(i=0; i<n; i++)

 {

 cout<<A[i]<<setw(13) <<B[i]<<setw(13)<<C[i]<<endl;

 }

 return 0;

}

Ex/ Write a C++ program to read two vectors and print all pairs of values which its addition is greater than 10.

#include<iostream>

#include<iomanip>

using namespace std;

int main()

{ int const n=5;

int A[n], B[n], i;

cout<<"\n Enter Elements of Array A: \n";

for(i=0; i<n; i++)

{

 cin>>A[i];

}

cout<<"\n Enter Elements of Array B: \n";

for(i=0; i<n; i++)

{

cin>>B[i];

}

cout<<"\n\n\n";

cout<<" A"<<setw(13) <<"B"<<setw(13)<<"result"<<endl;

cout<<"---"<<setw(12) <<"---"<<setw(13)<<"------"<<endl;

for(i=0; i<n; i++)

{

if (A[i] +B[i]>10)

{

cout<<A[i]<<setw(13) <<B[i]<<setw(13)<<A[i]+B[i]<<endl;

}

}

return 0;

}

Ex/ Write a C++ program to rerange (sort) from largest to smallest.

#include<iostream>

#include<iomanip>

using namespace std;

int main()

{ int const n=5;

int A[n], B[n], i,j,c;

cout<<"\n Enter Elements of Array A: \n";

for(i=0; i<n; i++) {

 cin>>A[i]; }

cout<<"\n Print vector A before sort \n";

for(i=0; i<n; i++)

{

cout<< A[i]<<setw(13);

}

for(i=0; i<n; i++)

{

 for(j=i; j<n; j++)

{

 if (A[i]<A[j])

{

c=A[i];

A[i]=A[j];

A[j]=c;

}}}

cout<<"\n Print vector A before sort \n";

for(i=0; i<n; i++)

{

cout<< A[i]<<setw(13);

}

return 0;}