5 Diagonal Matrix.

5c. Lower triangular Matrix

#include<iostream>

using namespace std;

int main() {

int n;

cout<<"Enter size of array"<<endl;

cin>>n;

int size=((n\*(n+1))/2);

int a[size];

cout<<"Enter elements"<<endl;

for(int i=0;i<size;i++){

cin>>a[i];

}

int k=0;

cout<<"Lower Triangular Matrix is as follows"<<endl;

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

for(int j=0;j<n;j++){

if(i>=j){

cout<<a[k]<<" ";

k++;

}

else{

cout<<"0"<<" ";

}

}

cout<<endl;

}

return 0;

}

OUTPUT :

