Practical 18:

/\*Program to convert 1D array to 2D array\*/

#include<iostream.h>

void main()

{

int A[50],B[10][10],i,j,k,m,n,num;

cout<<"Enter size of 1d array : ";

cin>>num;

cout<<"\nEnter array elements :\n";

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

{

cin>>A[i];

cout<<"\n";

}

int a=0;

cout<<"Enter number of rows of 2d array : ";

cin>>m;

cout<<"Enter number of columns of 2d array : ";

cin>>n;

for(j=0;j<m;j++)

{

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

{

B[j][k]=A[a++];

}

cout<<endl;

}

for(j=0;j<m;j++)

{

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

{

cout<<B[j][k]<<" ";

}

cout<<endl;

}

}

Output:

