**Question**

**Array as struct variable in structures**

**Enter 5 values in array and show the maximum and minimum values by using function calling..**

#include<iostream>

using namespace std;

void max() //function called for finding maximum value

{

struct max\_number //struct with struct name

{

int numb; //datamembers or member variable

};

max\_number a[5]; //name of structure with function variable

int max;

cout<<"\n\nEnter the 5 Numbers to Find MAXIMUM Value"<<endl;

for(int i=0;i<5;i++) //for loop for cin

{cin>>a[i].numb;}

max=a[0].numb;

{

for(int i=0;i<5;i++) //for loop for cout

{

if(max<a[i].numb)

{max=a[i].numb;}

}

cout<<"\n\nMaximum Number Is="<<max<<endl;

}}

void mini() //function called for finding minimum value

{

struct mini\_number //struct with name of structure

{

int numb; //data member or member variable

};

mini\_number a[5]; //name of strucure with function variable

int mini;

cout<<"\n\nEnter the 5 Numbers to Find MINIMUM Value="<<endl;

for(int i=0;i<5;i++) //for loop for cin values

{cin>>a[i].numb;}

mini=a[0].numb;

{

for(int i=0;i<5;i++) //for loop for cout value

{

if(mini>a[i].numb)

{mini=a[i].numb;}

}

cout<<"\n\nMINIMUM Value Is="<<mini<<endl;

}}

void main() //entering main value

{

system("color b0"); //graphic code

jbilal: //called goto statement

char c;

cout<<"\n\nEnter the word 'j' to Find the MAXMUM Value & 'b' for MINIMUM="<<endl;

cin>>c;

if(c=='j') //if else statement with calling function

{max();}

else if(c=='b')

{mini();}

else

{cout<<"You Enter the Wrong Choice.."<<endl;}

goto jbilal; //calling goto statement

getchar();

getchar();

}