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Assignment 2A : Implemention of class and object using
member function

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

class mall
{
public :
    string name ; //Shop name
    string no ;// shop number
    string sector ;  //shop sector
    string ot ;  //opening time
    string ct ; //closing time
    float col ; // day's total collection
    string status ; //shop is open or close


    void get()
    {

cout<<"*********************************************
***********************************************
*****************\n";
        cout<<"\t\t\tEnter the shop name:" ;
        cin>>name ;
        cout<<"\n\n\t\
t****************************************************
*****************************************\n";
        cout<<"\t\t\tEnter the shop number:" ;
        cin>>no ;
        cout<<"\n\n\t\
t****************************************************
****************************************\n";
        cout<<"\t\t\tEnter the shop sector:" ;
        cin>>sector ;
        cout<<"\n\n\t\
t****************************************************
****************************************\n";
        cout<<"\t\t\tEnter the shop opening time:" ;
        cin>>ot ;
        cout<<"\n\n\t\
t****************************************************
***************************************\n";
        cout<<"\t\t\tEnter the shop closing time :" ;
        cin>>ct ;
        cout<<"\n\n\t\
t****************************************************
***************************************\n";
        cout<<"\t\t\tEnter the shop status of the
day:" ;
        cin>>status ;
```

```cpp
        cout<<"\n\n\t\
t***************************************************
****************************************\n";
        cout<<"\t\t\tEnter the days Collection of the
shop:" ;
        cin>>col ;

    }

    void display()
    {
        cout<<"\t\t\tShop Name :"<<name<<endl;
        cout<<"\n\t\t\tShop Number :"<<no<<endl;
        cout<<"\n\t\t\tShop Sector :"<<sector<<endl;
        cout<<"\n\t\t\tShop status :"<<status<<endl;
        cout<<"\n\t\t\tShop Opening Time :"<<ot<<endl;
        cout<<"\n\t\t\tShop Closing Time :"<<ct<<endl;
        cout<<"\n\t\t\tDay's Collection :"<<col<<endl;
    }

};

int main()
{

    cout<<"\n\n\n\n\n" ;
    cout<<"\t\t\t\
t***************************************************
*******************\n";
    cout<<"\t\t\t\t\t//////////// WELCOME TO KORAM
SHOP DETAILS \\\\\\\\\\\\\\\\\\\\\\\\\n";
    cout<<"\t\t\t\
t***************************************************
*******************\n";
    mall data ;
    data.get() ;

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

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

cout<<"\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\"<<endl ;
    data.display() ;
    return 0 ;

}


Output:
```

```
********************************************************
*******************
                                            ////////////
WELCOME TO KORAM SHOP DETAILS \\\\\\\\\\\

********************************************************
*******************
********************************************************
********************************************************
***********
                            Enter the shop name:ToyWorld



                    ****************************************************
                    *************************************
                            Enter the shop number:3



                    ****************************************************
                    *************************************
                            Enter the shop sector:C



                    ****************************************************
                    *************************************
                            Enter the shop opening
time:11:30am



                    ****************************************************
                    *************************************
                            Enter the shop closing
time :10:00pm



                    ****************************************************
                    *************************************
                            Enter the shop status of the
day:Open



                    ****************************************************
                    *************************************
                            Enter the days Collection of
the shop:35000
```

```
/////////////////////////////////////////////////////
/////////////////////////////////////////////////////
//////////
|||||||||||||||||||||||||||||||||||||||||||||||||||||||
|||||||||||||||||||||||||||||||||||||||||||||||||||||||
||||||||||
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\
                        Shop Name :ToyWorld

                        Shop Number :3

                        Shop Sector :C

                        Shop status :Open

                        Shop Opening Time :11:30am

                        Shop Closing Time :10:00pm

                        Day's Collection :35000

Assignment 2B : Implemention of class and object using
array of object
code :
#include<iostream>
using namespace std ;

class mall
{
public :
    string name ; //Shop name
    string no ;// shop number
    string sector ;  //shop sector
    string ot ;  //opening time
    string ct ; //closing time
    float col ; // day's total collection
    string status ; //shop is open or close


    void get()
    {

cout<<"*********************************************
*****************************************************
******************\n";
        cout<<"\t\t\tEnter the shop name:" ;
        cin>>name ;
        cout<<"\n\n\t\
t****************************************************
****************************************\n";
        cout<<"\t\t\tEnter the shop number:" ;
        cin>>no ;
        cout<<"\n\n\t\
t****************************************************
*************************************\n";
        cout<<"\t\t\tEnter the shop sector:" ;
```

```cpp
        cin>>sector ;
        cout<<"\n\n\t\
t***************************************************
*****************************************\n";
        cout<<"\t\t\tEnter the shop opening time:" ;
        cin>>ot ;
        cout<<"\n\n\t\
t***************************************************
*****************************************\n";
        cout<<"\t\t\tEnter the shop closing time :" ;
        cin>>ct ;
        cout<<"\n\n\t\
t***************************************************
******************************************\n";
        cout<<"\t\t\tEnter the shop status of the
day:" ;
        cin>>status ;
        cout<<"\n\n\t\
t***************************************************
*****************************************\n";
        cout<<"\t\t\tEnter the days Collection of the
shop:" ;
        cin>>col ;

    }

    void display()
    {
        cout<<"\t\t\tShop Name :"<<name<<endl;
        cout<<"\n\t\t\tShop Number :"<<no<<endl;
        cout<<"\n\t\t\tShop Sector :"<<sector<<endl;
        cout<<"\n\t\t\tShop status :"<<status<<endl;
        cout<<"\n\t\t\tShop Opening Time :"<<ot<<endl;
        cout<<"\n\t\t\tShop Closing Time :"<<ct<<endl;
        cout<<"\n\t\t\tDay's Collection :"<<col<<endl;


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


cout<<"*************************************************
***************************************************
*****************\n";
    }

};

int main()
{
    int i , n ;
    cout<<"\n\n\n\n\n" ;
    cout<<"\t\t\t\
t***************************************************
********************\n";
    cout<<"\t\t\t\t\t//////////// WELCOME TO KORAM
SHOP DETAILS \\\\\\\\\\\\\\\\\\\\\\\\\\\\\n";
```

```cpp
    cout<<"\t\t\t\
t***************************************************
********************\n";
    mall data[15] ;

cout<<"***********************************************
***************************************************
******************\n";
    cout<<"\n\t\t\tEnter the number of shops :" ;
    cin>>n ;
    for(i=0 ; i<n ; i++)
    {
    data[i].get() ;
    }

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

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

cout<<"\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\"<<endl ;
    for(i=0 ; i<n ; i++)
    {
    data[i].display() ;
    }
    return 0 ;

}

output:
```

```
****************************************************
*******************
                                       ////////////
WELCOME TO KORAM SHOP DETAILS \\\\\\\\\\

*****************************************************
*******************
*****************************************************
*****************************************************
***********

                        Enter the number of shops :2
*****************************************************
*****************************************************
***********
```

Enter the shop name:Toyworld

```
*********************************************
***************************************
```
Enter the shop number:4

```
*********************************************
***************************************
```
Enter the shop sector:B

```
*********************************************
***************************************
```
Enter the shop opening
time:11:00am

```
*********************************************
***************************************
```
Enter the shop closing
time :10:30pm

```
*********************************************
***************************************
```
Enter the shop status of the
day:Open

```
*********************************************
***************************************
```
Enter the days Collection of
the shop:40000
```
*********************************************
*********************************************
***********
```
Enter the shop name:Mom&Care

```
*********************************************
***************************************
```
Enter the shop number:5

```
*********************************************
***************************************
```
Enter the shop sector:A

```
*******************************************************
**************************************
                        Enter the shop opening time:00



*******************************************************
**************************************
                        Enter the shop closing
time :00



*******************************************************
**************************************
                        Enter the shop status of the
day:Closed



*******************************************************
**************************************
                        Enter the days Collection of
the shop:0000
/////////////////////////////////////////////////////
/////////////////////////////////////////////////////
//////////
|||||||||||||||||||||||||||||||||||||||||||||||||||||||
|||||||||||||||||||||||||||||||||||||||||||||||||||||||
||||||||||
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
\\\\\\\\\\
                        Shop Name :Toyworld

                        Shop Number :4

                        Shop Sector :B

                        Shop status :Open

                        Shop Opening Time :11:00am

                        Shop Closing Time :10:30pm

                        Day's Collection :40000
*******************************************************
*******************************************************
***********
*******************************************************
*******************************************************
***********
                        Shop Name :Mom&Care

                        Shop Number :5
```

```
                              Shop Sector :A

                              Shop status :Closed

                              Shop Opening Time :00

                              Shop Closing Time :00

                              Day's Collection :0
**********************************************************
**********************************************************
**********
**********************************************************
**********************************************************
**********
```