

```

/*****
/***** Name:- Divesh Uttamchandani *****/
/***** Class :- XII A *****/
/***** Date :- 10 August 2014 *****/
/***** Q-9) :- Employee-Manager *****/
/*****

#include<iostream.h>
#include<stdio.h>
#include<conio.h>
#include<string.h>
#include<ctype.h>

/////////////////////////////////Global Variable To Handle Initial Emp No////////////////////////////////
int e=1 ;
////////////////////////////////

//////////////////////////////// Declaration & Definition of Class Employee////////////////////////////////
class employee
{
protected:
    int e_no;
    char nm[20];
    char add[20];
    char dep[20];
public:
// .....//
void enter()
{
    cout<<"\n\nEnter employee name\t\t";
    gets(nm);
    cout<<"Enter employee address\t\t";
    gets(add);
    cout<<"Enter employee department\t";
    gets(dep);
    e_no=e++;
    cout<<"\nEmployee no allotted="<<e_no<<"\n";
}
// .....//
void display()
{
    cout<<"\nEmployee no:\t\t"<<e_no;
    cout<<"\nEmployee name:\t\t"<< nm;
    cout<<"\nEmployee department:\t"<< dep;
    cout<<"\nEmployee address:\t"<< add;
}
// .....//
};
////////////////////////////////

```

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///////////////////////////////// Declaration & Definition of Class Manager/////////////////////////////////
class manager:employee    //manager IS-A employee
{
employee e[20];
int no_of_e;    //it HAS details of emp working under the manager
public:
//_____//
void enter()
{
cout<<"Enter info of manager\n\n";
employee::enter();
cout<<"\nEnter no of employees working under\t";
cin>>no_of_e;

    for(int i=0;i<no_of_e;i++)
    {
        cout<<"\nEnter details of employee\t"<<i+1;
        e[i].enter();
    }
}
//.....//
void display()
{
cout<<"\nInfo Of Manager";
employee::display();
cout<<"\nNo of employee working under\t"<<no_of_e;

    for(int i=0;i<no_of_e;i++)
    {
        cout<<"\nDetails of employee\t"<<i+1;
        e[i].display();
    }
}
//_____//
};
/////////////////////////////////

//*****Void Main()*****//
void main()
{
clrscr();
manager m;
m.enter();

cout<<"\n\nPress any key to see details...";

getch();
clrscr();
m.display();
getch();
}
//*****End Of Main*****//

```

## OUTPUT

```
Enter info of manager

Enter employee name           Divesh
Enter employee address        jwala vihar
Enter employee department     sales

Employee no allotted=1

Enter no of employees working under    2

Enter details of employee             1

Enter employee name                   Harsh
Enter employee address                shastri nagar
Enter employee department             production

Employee no allotted=2

Enter details of employee             2

Enter employee name                   shubham
Enter employee address                shastri nagar
Enter employee department             purchase

Employee no allotted=3

Press any key to see details...
```

```
Info Of Manager
Employee no:           1
Employee name:         Divesh
Employee department:   sales
Employee address:      jwala vihar

No of employee working under    2

Details of employee          1
Employee no:                 2
Employee name:               Harsh
Employee department:         production
Employee address:            shastri nagar

Details of employee          2
Employee no:                 3
Employee name:               shubham
Employee department:         purchase
Employee address:            shastri nagar
```