

Assume that an object represents an employee report that contains the information like employee id, total bonus, total overtime in a particular year. Use array of objects to represent nemployees' reports. Write a program that displays report. Use setpara() member

function to set report attributes by passing the arguments and member function displayreport() to show the reports according to parameter passed. Display the report in following format.

Employee with has received Rsas bonus and

had worked hours as a over time in year

```
#include <iostream>
using namespace std;
#define SUCCESS 0
class employee
{
private:
    int id;
    int bonus;
    int overtime;
    int year;
public:
    void setpara(int i, int b, int o, int y)
    {
        id = i;
        bonus = b;
        overtime = o;
        year = y;
    }
    void displayreport()
    {
        cout << "Employee with id " << id << " has received Rs. " << bonus << " as bonus and
had worked " << overtime << " hours as a over time in year " << year << endl;
    }

};
int main()
{
```

```

int n;
cout << "Enter the no of employee?";
cin >> n;
employee e[n];
for (int i = 0; i < n; i++)
{
    int id, bonus, overtime, year;
    cout << "Employee id:";
    cin >> id;
    cout << "Bonus:";
    cin >> bonus;
    cout << "Overtime:";
    cin >> overtime;
    cout << "Year:";
    cin >> year;
    e[i].setpara(id,bonus,overtime,year);
}

for (int i = 0; i < n ; i++)
{
    e[i].displayreport();
}
return SUCCESS;
}

#include<iostream>//or
using namespace std;
class emp_report
{
    int emp_id,year;
    float total_bonus,total_overtime;
public:
    void setpara();
    void displayreport(emp_report emp_data[],int no_of_emp);
};
int main()
{
    int no_of_emp;
    cout<<"Enter total number of employees:\t";
    cin>>no_of_emp;

```

```

emp_report emp[no_of_emp],disp_report;
for(int i=0;i<no_of_emp;i++)
{
    cout<<"\nfor emp:"<<i+1;
    emp[i].setpara();
}
disp_report.displayreport(emp,no_of_emp);
return 0;
}
void emp_report::setpara ()
{
    cout<<"\nEnter your employee id:\t";
    cin>>emp_id;
    cout<<"\nEnter total amount of bonus received:\t";
    cin>>total_bonus;
    cout<<"\nEnter total amount of overtime worked:\t";
    cin>>total_overtime;
    cout<<"\nEnter the working year:\t";
    cin>>year;
}
void emp_report::displayreport(emp_report emp_data[],int no_of_emp)
{
    for(int i=0;i<no_of_emp;i++)
    {
        cout<<"\nEmployee with "<<emp_data[i].emp_id<<" has received Rs
"<<emp_data[i].total_bonus<<" and had worked "<<emp_data[i].total_overtime<<"
hours as a overtime in year "<<emp_data[i].year;
    }
}

```