**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 Rs ... ... ...as 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;**

**}**

**}**