

/*1 Define package EMS
2 Define a class Employee having fields like empno,ename,salary,phone
3 Define parameterized and no argument constructor
4 Also define Display method to display all employee record

5)Create another class MainEmployee having method

void sortEmp (Employee e[])

The above method sort the employee data in ascending order and display it

6 create main method that call sortEmployee and pass Employee array to it */
package emp;

```
public class Employee {  
    String ename;  
    int eno;  
    int salary;  
    int phone;  
    Employee(String x,int y, int sal, int p)  
    {  
        super();  
        this.ename=x;  
        this.eno=y;  
        this.salary=sal;  
        this.phone=p;  
    }  
  
    Employee()  
    {  
        super();  
    }  
  
    void display()  
    {  
        System.out.println(ename+" "+eno+" " +salary+" "+phone);  
    }  
}
```

```
package emp;  
import java.util.Scanner;  
public class MainEmployee {
```

```
    void sort(Employee b[])  
    {  
        Employee swap=new Employee();  
        for(int j=0;j<3;j++)  
        {  
            for(int i=0;i<3;i++)  
            {  
                if(b[i].salary>b[i+1].salary)
```

```

        {
            swap=b[i];
            b[i]=b[i+1];
            b[i+1]=swap;
        }
    }
}
for(int i=0;i<4;i++)
{
    b[i].display();
}
}
}
public static void main(String args[])
{
    MainEmployee a = new MainEmployee();
    Employee e[]= new Employee[4];
    Scanner r=new Scanner(System.in);
    for(int i=0;i<4;i++)
    {

        System.out.println("enter name");
        String x=r.next();
        System.out.println("enter eno");

        int no=r.nextInt();
        System.out.println("enter salary");
        int sal=r.nextInt();
        System.out.println("enter phone");
        int ph=r.nextInt();
        e[i]=new Employee(x,0,sal,0);

    }

    a.sort(e);

}

}

```

Output:

```

enter name
rohit
enter eno
212
enter salary
1200
enter phone
2458
enter name

mohit
enter eno

```

```
321
enter salary
214
enter phone
124
enter name
mohan
enter eno
214
enter salary
25
enter phone
24333
enter name
rohan
enter eno
245
enter salary
21554
enter phone
5455
mohan 0 25 0
mohit 0 214 0
rohit 0 1200 0
rohan 0 21554 0
```