```
package com.company;
   import java.util.*;
  class Employee {
      int employeeNumber;
       String name;
       String job;
       int salary;
  class FullTimeEmployee extends Employee {
      int basic;
       int hra;
       int da;
  class PartTimeEmployee extends Employee {
       int workingHours;
       int wage;
  public class Main {
       public static void main(String[] args) {
           Scanner sc = new Scanner(System.in);
           System.out.println("Enter the number of Employees: ");
           int n = sc.nextInt();
          PartTimeEmployee[] pe = new PartTimeEmployee[n];
          FullTimeEmployee[] fe = new FullTimeEmployee[n];
           int fcount = 0;
           int pcount = 0;
           for(int i = 1; i <=n; i++) {
              System.out.println("Is the Employee No."+i+": \n1)Full Time \n2)Half Time");
               int o = sc.nextInt();
              switch (o) {
                  case 1 -> {
                      fcount++;
                      fe[fcount] = new FullTimeEmployee();
                      fe[fcount].employeeNumber = i;
                      System.out.println("Enter Name:");
                      fe[fcount].name = sc.next();
                      System.out.println("Enter Job:");
                      fe[fcount].job = sc.next();
                      System.out.println("Insert Basic:");
                      fe[fcount].basic = sc.nextInt();
                      System.out.println("Enter HRA:");
                      fe[fcount].hra = sc.nextInt();
                      System.out.println("Enter DA: ");
                      fe[fcount].da = sc.nextInt();
                      fe[fcount].salary = fe[fcount].basic + fe[fcount].hra + fe[fcount].da;
                  case 2 -> {
                      pcount++;
                      pe[pcount] = new PartTimeEmployee();
                      pe[pcount].employeeNumber = i;
                      System.out.println("Enter Name:");
                      pe[pcount].name = sc.next();
                      System.out.println("Enter Job:");
                      pe[pcount].job = sc.next();
                      System.out.println("Enter Working Hours:");
                      pe[pcount].workingHours = sc.nextInt();
                      System.out.println("Enter Wage:");
                      pe[pcount].wage = sc.nextInt();
                      pe[pcount].salary = pe[pcount].workingHours * pe[pcount].wage;
           int fc = fcount;
           int pc = pcount;
           System.out.println("Full Time Employees:\n");
           System.out.println("Employee No:\tEmployee Name:\tEmployee Job:\tEmployee Salary:");
           for (fcount = 1; fcount <= fc; fcount++) {</pre>
              System.out.println(fe[fcount].employeeNumber + "\t" + fe[fcount].name + "\t" + fe[fcount].job + "\t" + fe[fcount].salary);
           System.out.println("Part Time Employees:\n");
           System.out.println("Employee No:\tEmployee Name:\tEmployee Job:\tEmployee Salary:");
           for (pcount = 1; pcount <= pc; pcount++) {
               System.out.println(pe[pcount].employeeNumber + "\t" + pe[pcount].name + "\t" + pe[pcount].job + "\t" + pe[pcount].salary);
```

```
1 C:\Users\adity\.jdks\openjdk-18.0.2\bin\java.exe "-
   javaagent:C:\Program Files\JetBrains\IntelliJ IDEA
   Community Edition 2022.1.4\lib\idea_rt.jar=59845:C:\
   Program Files\JetBrains\IntelliJ IDEA Community
   Edition 2022.1.4\bin" -Dfile.encoding=UTF-8 -
   classpath C:\Users\adity\IdeaProjects\code1\out\
   production\code1 com.company.Main
 2 Enter the number of Employees:
 3 4
 4 Is the Employee No.1:
 5 1) Full Time
 6 2) Half Time
 7 1
 8 Enter Name:
 9 Aditya
10 Enter Job:
11 Software_Developer
12 Insert Basic:
13 100000
14 Enter HRA:
15 50000
16 Enter DA:
17 50000
18 Is the Employee No.2:
19 1) Full Time
20 2) Half Time
21 1
22 Enter Name:
23 Yuq
24 Enter Job:
25 Software_Designer
26 Insert Basic:
27 110000
28 Enter HRA:
29 50000
30 Enter DA:
31 30000
32 Is the Employee No.3:
33 1) Full Time
34 2) Half Time
35 2
```

```
36 Enter Name:
37 Suraj
38 Enter Job:
39 Software_Manager
40 Enter Working Hours:
41 5000
42 Enter Wage:
43 500
44 Is the Employee No.4:
45 1)Full Time
46 2) Half Time
47 2
48 Enter Name:
49 Harsh_Gadhvi
50 Enter Job:
51 Head_Boy
52 Enter Working Hours:
53 500
54 Enter Wage:
55 1
56 .
57 .
58 .
59 .
60 .
61 .
62 .
63.
64 .
65 .
66 .
67 .
68 .
69 Details:
70
71 Full Time Employees:
72
73 Employee No:
                   Employee Name:
                                    Employee Job:
                                                     Employe
   Salary:
74 1
       Aditya Software_Developer
                                    200000
       Yug Software_Designer
75 2
                                190000
```

```
76 Part Time Employees:
77
78 Employee No: Employee Name: Employee Job:
                                                  Emplo
   Salary:
79 3
      Suraj Software_Manager
                                  2500000
80 4
      Harsh_Gadhvi
                      Head_Boy500
81
82 Process finished with exit code 0
83
```