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D:\Java\jdk1.8.0_261\bin\prog\PersonMain.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Java source file
PersonMain.java
1 import java.util.Scanner;
2
3 class PERSON
4 { String name; }
5
6 class EMPLOYEE extends PERSON
7 { String empid; }
8
9 class STUDENT extends PERSON
10 { String stdid; }
11
12 class TEACHING extends EMPLOYEE
13 { String course;
14 void getteaching()
15 { Scanner get=new Scanner(System.in);
16 System.out.println("Enter name: ");
17 name=get.next();
18 System.out.println("Enter Employee Id: ");
19 empid=get.next();
20 System.out.println("Enter Course: ");
21 course=get.next();
22 }
23
24 void dispteach()
25 { System.out.println("\nName : "+name);
26 System.out.println("Employee Id : "+empid);
27 System.out.println("Course : "+course);
28 }
29 }
30
31 class NonTeaching extends EMPLOYEE
32 { String work;
33 void getnteaching()
34 { Scanner get=new Scanner(System.in);
35 System.out.println("Enter name: ");
36 name=get.next();
37 System.out.println("Enter Employee Id: ");
38 empid=get.next();
39 System.out.println("Enter Work: ");
40 work=get.next();
41 }
42 }
```

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32 { String work;
33 void getnteaching()
34 { Scanner get=new Scanner(System.in);
35 System.out.println("Enter name: ");
36 name=get.next();
37 System.out.println("Enter Employee Id: ");
38 empid=get.next();
39 System.out.println("Enter Work: ");
40 work=get.next();
41 }
42 }
43
44 void dispnteach()
45 { System.out.println("\nName : "+name);
46 System.out.println("Employee Id : "+empid);
47 System.out.println("Work : "+work);
48 }
49
50 class UG extends STUDENT
51 { int sem;
52 void getug()
53 { Scanner get=new Scanner(System.in);
54 System.out.println("Enter name: ");
55 name=get.next();
56 System.out.println("Enter Student Id: ");
57 stdid=get.next();
58 System.out.println("Enter Sem: ");
59 sem=get.nextInt();
60 }
61
62 void dispug()
63 { System.out.println("\nName : "+name);
64 System.out.println("Employee Id : "+stdid);
65 System.out.println("Sem : "+sem);
66 }
67
68 class PG extends STUDENT
69 { int year;
70 void getpg()
71 { Scanner get=new Scanner(System.in);
72 System.out.println("Enter name: ");
73 name=get.next();
74 }
```

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PersonMain.java
66 }
67 class PG extends STUDENT
68 { int year;
69 void getpg()
70 { Scanner get=new Scanner(System.in);
71 System.out.println("Enter name: ");
72 name=get.next();
73 System.out.println("Enter Student Id: ");
74 stdid=get.next();
75 System.out.println("Enter Year: ");
76 year=get.nextInt();
77 }
78
79 void disppg()
80 { System.out.println("\nName : "+name);
81 System.out.println("Employee Id : "+stdid);
82 System.out.println("Year : "+year);
83 }
84 }
85
86 class PersonMain
87 { public static void main(String args[])
88 {
89 TEACHING t=new TEACHING();
90 NonTeaching nt=new NonTeaching();
91 UG u=new UG();
92 PG p=new PG();
93 System.out.println("Enter details of teching employee: ");
94 t.getteaching();
95 t.dispteach();
96 System.out.println("\nEnter details of Non Teaching employee: ");
97 nt.getnteaching();
98 nt.dispnnteach();
99 System.out.println("\nEnter details of UG: ");
100 u.getug();
101 u.dispug();
102 System.out.println("\nEnter details of PG: ");
103 p.getpg();
104 p.disppg();
105 }
106 }

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Command Prompt
D:\Java\jdk1.8.0_261\bin\prog>java PersonMain
Enter details of teching employee:
Enter name:
Simon
Enter Employee Id:
emp100
Enter Course:
History
Name : Simon
Employee Id : emp100
Course : History

Enter details of Non Teaching employee:
Enter name:
George
Enter Employee Id:
emp200
Enter Work:
Janitor
Name : George
Employee Id : emp200
Work : Janitor

Enter details of UG:
Enter name:
Sam
Enter Student Id:
std101
Enter Sem:
5
Name : Sam
Employee Id : std101
Sem : 5

Enter details of PG:
Enter name:
Martin
```

Command Prompt

Enter Employee Id:

emp200

Enter Work:

Janitor

Name : George

Employee Id : emp200

Work : Janitor

Enter details of UG:

Enter name:

Sam

Enter Student Id:

std101

Enter Sem:

5

Name : Sam

Employee Id : std101

Sem : 5

Enter details of PG:

Enter name:

Martin

Enter Student Id:

std201\

Enter Year:

2

Name : Martin

Employee Id : std201\

Year : 2

D:\Java\jdk1.8.0_261\bin\prog>



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