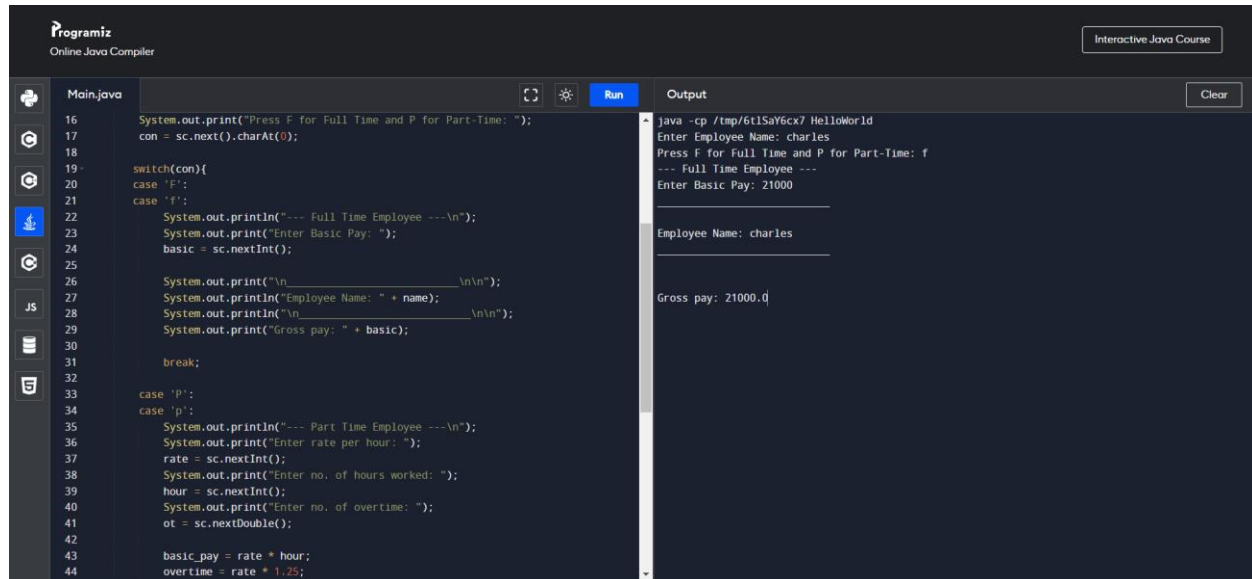


Charles David S. Peñaloza

BS INFO TECH – 2F

Fulltime:



The screenshot shows the Programiz Online Java Compiler interface. The code in Main.java is as follows:

```
16 System.out.print("Press F for Full Time and P for Part-Time: ");
17 con = sc.next().charAt(0);
18
19 switch(con){
20 case 'F':
21 case 'f':
22     System.out.println("--- Full Time Employee ---\n");
23     System.out.print("Enter Basic Pay: ");
24     basic = sc.nextInt();
25
26     System.out.print("\n\n");
27     System.out.println("Employee Name: " + name);
28     System.out.println("\n\n");
29     System.out.print("Gross pay: " + basic);
30
31     break;
32
33 case 'P':
34 case 'p':
35     System.out.println("--- Part Time Employee ---\n");
36     System.out.print("Enter rate per hour: ");
37     rate = sc.nextInt();
38     System.out.print("Enter no. of hours worked: ");
39     hour = sc.nextInt();
40     System.out.print("Enter no. of overtime: ");
41     ot = sc.nextDouble();
42
43     basic_pay = rate * hour;
44     overtime = rate * 1.25;
```

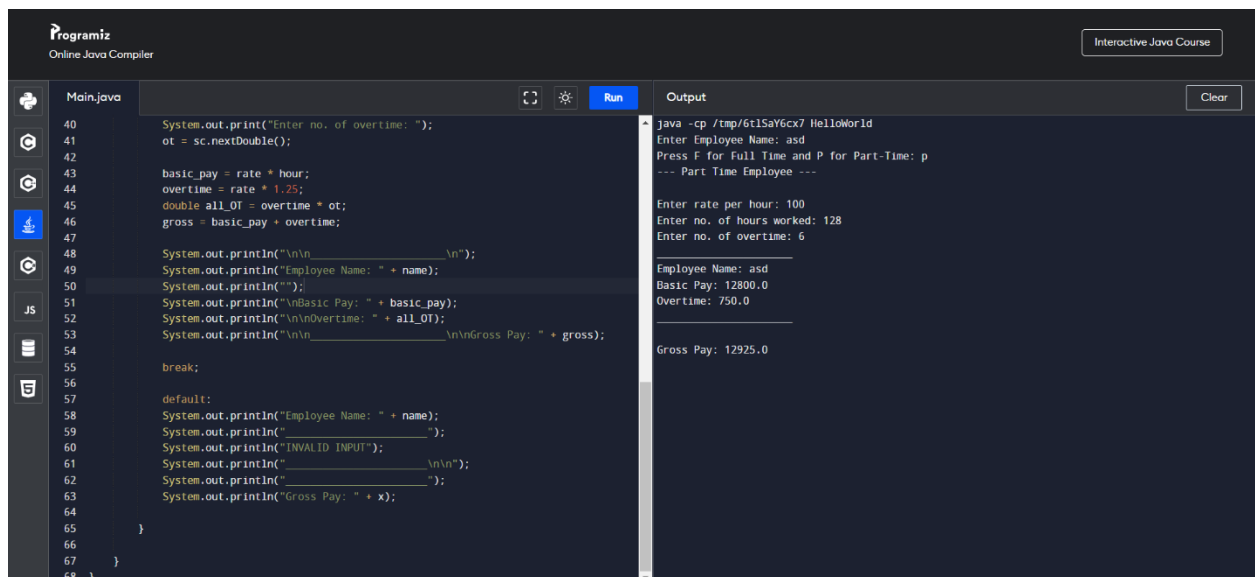
The output window shows the following text:

```
java -cp /tmp/6t1SaY6cx7 HelloWorld
Enter Employee Name: charles
Press F for Full Time and P for Part-Time: f
--- Full Time Employee ---
Enter Basic Pay: 21000

Employee Name: charles

Gross pay: 21000.0
```

Part time



The screenshot shows the Programiz Online Java Compiler interface. The code in Main.java is as follows:

```
40 System.out.print("Enter no. of overtime: ");
41 ot = sc.nextDouble();
42
43 basic_pay = rate * hour;
44 overtime = rate * 1.25;
45 double all_OT = overtime * ot;
46 gross = basic_pay + overtime;
47
48 System.out.println("\n\n");
49 System.out.println("Employee Name: " + name);
50 System.out.println("");
51 System.out.println("\nBasic Pay: " + basic_pay);
52 System.out.println("\nOvertime: " + all_OT);
53 System.out.println("\n\nGross Pay: " + gross);
54
55 break;
56
57 default:
58     System.out.println("Employee Name: " + name);
59     System.out.println("");
60     System.out.println("INVALID INPUT");
61     System.out.println("\n\n");
62     System.out.println("");
63     System.out.println("Gross Pay: " + x);
64
65 }
66
67 }
68 }
```

The output window shows the following text:

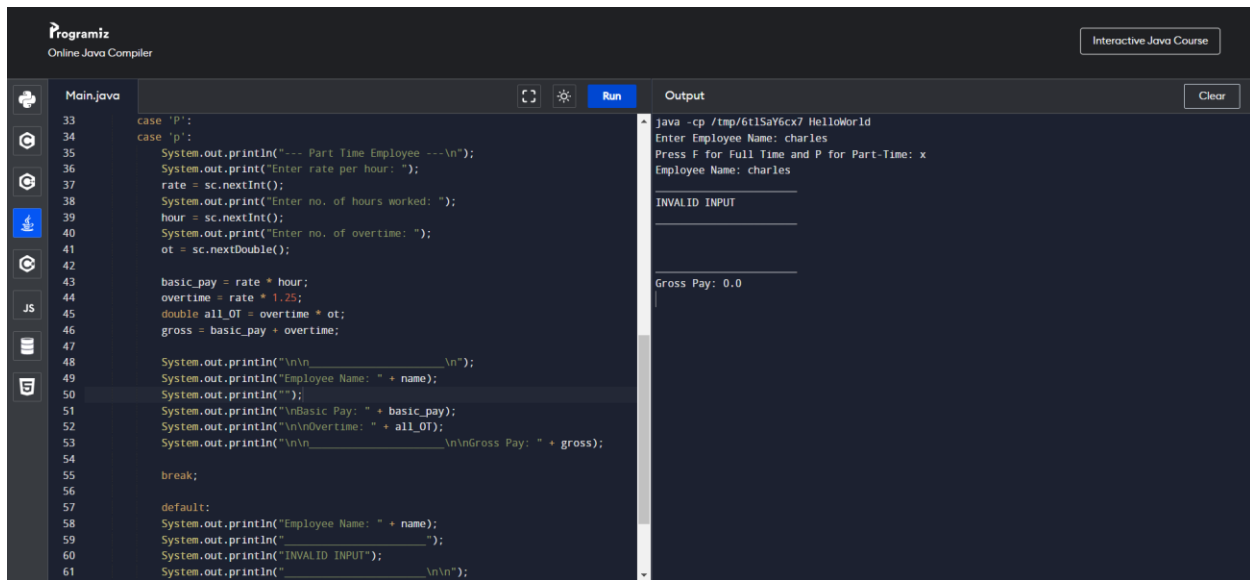
```
java -cp /tmp/6t1SaY6cx7 HelloWorld
Enter Employee Name: asd
Press F for Full Time and P for Part-Time: p
--- Part Time Employee ---

Enter rate per hour: 100
Enter no. of hours worked: 128
Enter no. of overtime: 6

Employee Name: asd
Basic Pay: 12800.0
Overtime: 750.0

Gross Pay: 12925.0
```

INVALID:



The screenshot shows the Programiz Online Java Compiler interface. On the left, a sidebar contains icons for file management and a list of files including 'Main.java'. The main editor displays the following Java code:

```
33 case 'P':
34 case 'p':
35     System.out.println("--- Part Time Employee ---\n");
36     System.out.print("Enter rate per hour: ");
37     rate = sc.nextInt();
38     System.out.print("Enter no. of hours worked: ");
39     hour = sc.nextInt();
40     System.out.print("Enter no. of overtime: ");
41     ot = sc.nextDouble();
42
43     basic_pay = rate * hour;
44     overtime = rate * 1.25;
45     double all_OT = overtime * ot;
46     gross = basic_pay + overtime;
47
48     System.out.println("\n\n_____ \n");
49     System.out.println("Employee Name: " + name);
50     System.out.println("");
51     System.out.println("\nBasic Pay: " + basic_pay);
52     System.out.println("\nOvertime: " + all_OT);
53     System.out.println("\n\n_____ \n\nGross Pay: " + gross);
54
55     break;
56
57 default:
58     System.out.println("Employee Name: " + name);
59     System.out.println("_____ ");
60     System.out.println("INVALID INPUT");
61     System.out.println("_____ \n\n");
```

On the right, the 'Output' panel shows the execution results:

```
java -cp /tmp/6t1SaY6cx7 HelloWorld
Enter Employee Name: charles
Press F for Full Time and P for Part-Time: x
Employee Name: charles

INVALID INPUT

Gross Pay: 0.0
```

Syntax or CODE:

```
import java.util.*;
```

```
class HelloWorld
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        String name;
```

```
        char con;
```

```
        double hour, rate, overtime, ot, basic, basic_pay, gross, x = 0.00;
```

```
        System.out.print("Enter Employee Name: ");
```

```
        name = sc.nextLine();
```

```
        System.out.print("Press F for Full Time and P for Part-Time: ");
```

```
con = sc.next().charAt(0);
```

```
switch(con){
```

```
case 'F':
```

```
case 'f':
```

```
    System.out.println("--- Full Time Employee ---\n");
```

```
    System.out.print("Enter Basic Pay: ");
```

```
    basic = sc.nextInt();
```

```
    System.out.print("\n_____ \n\n");
```

```
    System.out.println("Employee Name: " + name);
```

```
    System.out.print("\n_____ \n\n");
```

```
    System.out.print("Gross pay: " + basic);
```

```
    break;
```

```
case 'P':
```

```
case 'p':
```

```
    System.out.println("--- Part Time Employee ---\n");
```

```
    System.out.print("Enter rate per hour: ");
```

```
    rate = sc.nextInt();
```

```
    System.out.print("Enter no. of hours worked: ");
```

```
    hour = sc.nextInt();
```

```
    System.out.print("Enter no. of overtime: ");
```

```
    ot = sc.nextDouble();
```

```
    basic_pay = rate * hour;
```

```
    overtime = rate * 1.25;
```

```
    double all_OT = overtime * ot;
```

```
gross = basic_pay + overtime;
```

```
System.out.println("\n\n_____ \n");
```

```
System.out.println("Employee Name: " + name);
```

```
System.out.println("");
```

```
System.out.println("\nBasic Pay: " + basic_pay);
```

```
System.out.println("\n\nOvertime: " + all_OT);
```

```
System.out.println("\n\n_____ \n\nGross Pay: " + gross);
```

```
break;
```

```
default:
```

```
System.out.println("Employee Name: " + name);
```

```
System.out.println("_____");
```

```
System.out.println("INVALID INPUT");
```

```
System.out.println("_____ \n\n");
```

```
System.out.println("_____");
```

```
System.out.println("Gross Pay: " + x);
```

```
}
```

```
}
```

```
}
```