



Question 5

Write an applet program in Java to accept employee number, name and basic as parameter. Find the gross and net salary depending on the following conditions:

If basic > 20000, then DA - 50%, HRA - 15%, PF - 12%, PT - 200

If basic ≤ 20000, then DA - 40%, HRA - 10%, PF - 12%, PT - 100

Gross = Basic + DA + HRA

Net = Gross - (PT + PF)

```
import java.awt.*;
import java.applet.*;

/* <applet code="Employee.class"
width = 500
height = 500 >
<param name="ename" value="0m"></param>
<param name="ecode" value="1001"></param>
<param name="basic" value="90000"></param>
</applet> */

public class Employee extends Applet {
    String ename;
    int ecode;
    double basic, net, gross;
    double da, hra, pt, pf;

    public void init() {
        ename = getParameter("ename");
        ecode = Integer.parseInt(getParameter("ecode"));
        basic = Double.parseDouble(getParameter("basic"));
        calculate();
    }

    public void paint(Graphics g) {
        Font font = new Font("Arial", Font.BOLD, 22);
        g.setFont(font);
    }
}
```

```

        g.drawString("Name: " + ename, 20, 40);
        g.drawString("Basic Salary: " + basic, 20, 60);
        g.drawString("DA: " + da, 20, 80);
        g.drawString("HRA: " + hra, 20, 100);
        g.drawString("PF: " + pf, 20, 120);
        g.drawString("PT: " + pt, 20, 140);
        g.drawString("Gross salary: " + gross, 20, 160);
        g.drawString("Net Salary: " + net, 20, 180);
    }

    public void calculate() {
        if (basic <= 20000) {
            da = 0.4 * basic;
            hra = 0.1 * basic;
            gross = basic + da + hra;
            pf = 0.12 * basic;
            pt = 100;
            net = gross - (pf + pt);
        }

        if (basic > 20000) {
            da = 0.5 * basic;
            hra = 0.15 * basic;
            gross = basic + da + hra;
            pf = 0.12 * basic;
            pt = 200;
            net = gross - (pf + pt);
        }
    }
}

```

Output:

