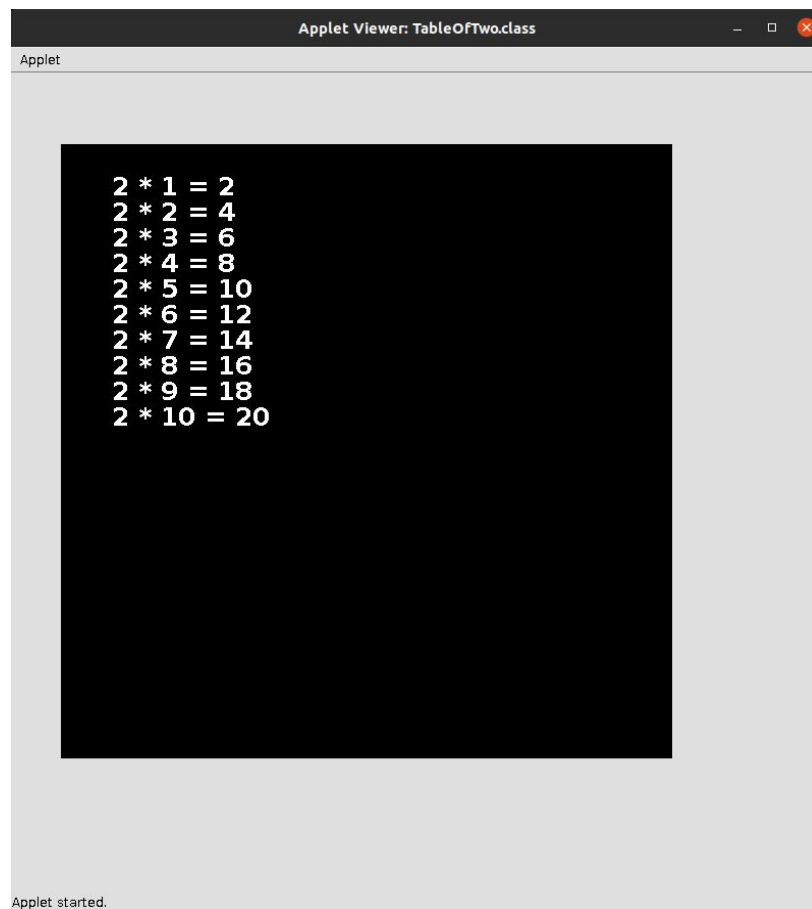


6.

Code:

```
import java.applet.*;
import java.awt.*;
/* <applet code="TableOfTwo.class" width=800 height=800></applet> */
public class TableOfTwo extends Applet {
    public void paint(Graphics g) {
        Font f = new Font("Tahoma", Font.BOLD, 25);
        g.setFont(f);
        g.fillRect(50, 70, 600, 600);
        g.setColor(Color.white);
        int top = 100;
        int left = 120;
        for (Integer i = 0; i < 10; i++) {
            Integer b = (i + 1) * 2;
            Integer c = i + 1;
            String s = "2 * " + c.toString() + " = " + b.toString();
            g.drawString(s, top, left + 25 * i);
        }
    }
}
```

Output:



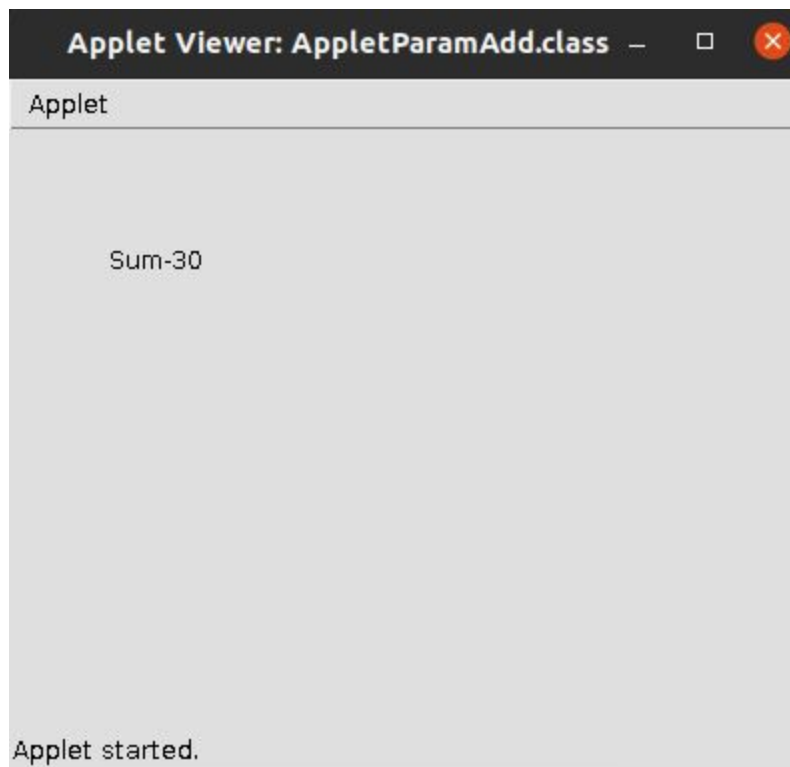
7.

Code

```
/*
<APPLET CODE="AppletParamAdd.class" WIDTH=400 HEIGHT=300>
<PARAM NAME="n1" VALUE="20">
<PARAM NAME="n2" VALUE="10">
</APPLET>
*/
import java.awt.*;
import java.applet.*;

public class AppletParamAdd extends Applet {
    public void paint(Graphics g) {
        int a = Integer.parseInt(getParameter("n1"));
        int b = Integer.parseInt(getParameter("n2"));
        g.drawString("Sum-" + (a + b), 50, 70);
    }
}
```

Output




```
    } catch (InterruptedException e) {  
        System.out.println(e);  
    }  
}  
}  
}
```

Output



10.

Code

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

/* <applet code="SimpleCalculator.class" width=500 height=500></applet> */

public class SimpleCalculator extends Applet implements ActionListener {
    String currInput = "0", operator = "", firstNum = "0";
    TextField display;
    Button b1, b2, b3, b4, b5, b6, b7, b8, b9, b0, add, sub, mul, div, eq,
    cls, bspa, bp;

    public void init() {
        setBackground(Color.gray);
        display = new TextField(12);
        display.setBackground(Color.white);
        b1 = new Button("1");
        b2 = new Button("2");
        b3 = new Button("3");
        b4 = new Button("4");
        b5 = new Button("5");
        b6 = new Button("6");
        b7 = new Button("7");
        b8 = new Button("8");
        b9 = new Button("9");
        b0 = new Button("0");
        bp = new Button(".");
        add = new Button("+");
        sub = new Button("-");
        mul = new Button("*");
        div = new Button("/");
        eq = new Button("=");
        cls = new Button("C");
        bspa = new Button("BackSpace");
        add(display);
        add(b1);
        add(b2);
        add(b3);
        add(b4);
        add(b5);
        add(b6);
        add(b7);
        add(b8);
        add(b9);
        add(b0);
        add(bp);
        add(add);
        add(sub);
        add(mul);
        add(div);
        add(eq);
        add(cls);
        add(bspa);
    }
}
```

```

        add(b6);
        add(add);
        add(b1);
        add(b2);
        add(b3);
        add(mul);
        add(bp);
        add(b0);
        add(cls);
        add(div);
        add(eq);
        add(bspa);

        display.setText("0");
        b1.addActionListener(this);
        b2.addActionListener(this);
        b3.addActionListener(this);
        b4.addActionListener(this);
        b5.addActionListener(this);
        b6.addActionListener(this);
        b7.addActionListener(this);
        b8.addActionListener(this);
        b9.addActionListener(this);
        b0.addActionListener(this);
        add.addActionListener(this);
        sub.addActionListener(this);
        mul.addActionListener(this);
        div.addActionListener(this);
        eq.addActionListener(this);
        bspa.addActionListener(this);
        bp.addActionListener(this);
        cls.addActionListener(this);
    }

    public void actionPerformed(ActionEvent e) {
        Button target = (Button) e.getSource();
        if (e.getSource() == cls) {
            currInput = "0";
        } else if (target == b1 || target == b2 || target == b3 || target
== b4 || target == b5 || target == b6
        || target == b7 || target == b8 || target == b9 || target
== b0 || target == bp) {
            if (currInput == "0") {
                currInput = target.getLabel();
            }
        }
    }
}

```

```

        } else {
            currInput += target.getLabel();
        }
    } else if (target == bspa) {
        if (currInput.length() == 1) {
            currInput = "0";
        } else {
            currInput = currInput.substring(0, currInput.length() - 1);
        }
    } else if (target == add || target == sub || target == mul ||
target == div) {
        operator = target.getLabel();
        firstNum = currInput;
        currInput = "0";
    } else if (target == eq) {
        Double a, b;
        a = Double.parseDouble(firstNum);
        b = Double.parseDouble(currInput);
        if (operator == "+") {
            a = a + b;
            currInput = a.toString();
            operator = "";
        } else if (operator == "-") {
            a = a - b;
            currInput = a.toString();
            operator = "";
        } else if (operator == "*") {
            a = a * b;
            currInput = a.toString();
            operator = "";
        } else if (operator == "/") {
            a = a / b;
            currInput = a.toString();
            operator = "";
        }
    }
    display.setText(currInput);
}
}

```

Output



11.

Code

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

/* <applet code="AppletImage.class" width=1000 height=1000></applet> */
public class AppletImage extends Applet {
    // The MediaTracker class is a utility class to track the status of a
    // number of
    // media objects.
    // Media objects could include audio clips as well as images, though
    // currently
    // only images are supported.
    MediaTracker tr;
    Image img;

    public void paint(Graphics g) {
        tr = new MediaTracker(this);
        img = getImage(getCodeBase(), "Hacker.jpg");
        tr.addImage(img, 0);
        g.drawImage(img, 0, 0, this);
    }
}
```

Output

