```java
//Shane Kelly
//Self-Replicating Code

import java.awt.Robot;
import java.awt.event.InputEvent;
import java.awt.*;
import java.awt.event.*;
import java.io.IOException;
import javax.swing.*;
import java.lang.Math;
import java.util.Random;

public class NewJava {
    public static void main(String[] args) throws Exception
    {
            Robot robot = new Robot();

            robot.mouseMove(30, 1020);
            robot.delay(500);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(500);
            robot.mouseMove(30, 570);
            robot.delay(1000);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(500);
            robot.mouseMove(20, 30);
            robot.delay(3000);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.mouseMove(20, 50);
            robot.delay(1500);
            robot.mouseMove(300, 50);
            robot.delay(500);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(1500);
            robot.mouseMove(850, 675);
            robot.delay(500);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(1085, 465);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(800, 630);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(750, 630);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
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            robot.delay(250);
            robot.mouseMove(975, 450);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(975, 420);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(850, 475);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseWheel(100);
            robot.delay(250);
            robot.mouseMove(800, 560);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseWheel(200);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(850, 660);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            robot.mouseMove(800, 430);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            double random = 0.0;
            String name = "";
            for( int i=0; i<10; i++)
            {
                random = Math.random();
                if(random >= 0 && random < .038)
                {
                    A(robot);
                    name += "a";
                }

                else if(random >= .038 && random < .077)
                {
                    B(robot);
                    name += "b";
                }

                else if(random >= .077 && random < .115)
                {
                    C(robot);
                    name += "c";
                }
```

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else if(random >= .115 && random < .154)
{
    D(robot);
    name += "d";
}

else if(random >= .154 && random < .192)
{
    E(robot);
    name += "e";
}

else if(random >= .192 && random < .231)
{
    F(robot);
    name += "f";
}

else if(random >= .231 && random < .269)
{
    G(robot);
    name += "g";
}

else if(random >= .269 && random < .308)
{
    H(robot);
    name += "h";
}

else if(random >= .308 && random < .346)
{
    I(robot);
    name += "i";
}

else if(random >= .346 && random < .385)
{
    J(robot);
    name += "j";
}

else if(random >= .385 && random < .423)
{
    K(robot);
    name += "k";
}

else if(random >= .423 && random < .462)
{
    L(robot);
    name += "l";
}
```

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else if(random >= .462 && random < .5)
{
    M(robot);
    name += "m";
}

else if(random >= .5 && random < .538)
{
    N(robot);
    name += "n";
}

else if(random >= .538 && random < .577)
{
    O(robot);
    name += "o";
}

else if(random >= .577 && random < .615)
{
    P(robot);
    name += "p";
}

else if(random >= .615 && random < .654)
{
    Q(robot);
    name += "q";
}

else if(random >= .654 && random < .692)
{
    R(robot);
    name += "r";
}

else if(random >= .692 && random < .731)
{
    S(robot);
    name += "s";
}

else if(random >= .731 && random < .769)
{
    T(robot);
    name += "t";
}

else if(random >= .769 && random < .808)
{
    U(robot);
    name += "u";
}
```

```
        else if(random >= .808 && random < .846)
        {
            V(robot);
            name += "v";
        }

        else if(random >= .846 && random < .885)
        {
            W(robot);
            name += "w";
        }

        else if(random >= .885 && random < .923)
        {
            X(robot);
            name += "x";
        }

        else if(random >= .923 && random < .962)
        {
            Y(robot);
            name += "y";
        }

        else
        {
            Z(robot);
            name += "z";
        }
        robot.delay(50);
    }

    robot.delay(250);
    robot.mouseMove(900, 675);
    robot.mousePress(InputEvent.BUTTON1_MASK);
    robot.mouseRelease(InputEvent.BUTTON1_MASK);
    robot.delay(2000);
    robot.mouseMove(900, 600);
    robot.mousePress(InputEvent.BUTTON1_MASK);
    robot.mouseRelease(InputEvent.BUTTON1_MASK);
    robot.delay(250);
    robot.mouseMove(45, 100);
    robot.delay(250);
    robot.keyPress(KeyEvent.VK_SHIFT);
    robot.mousePress(InputEvent.BUTTON1_MASK);
    robot.mouseRelease(InputEvent.BUTTON1_MASK);
    robot.keyRelease(KeyEvent.VK_SHIFT);
    robot.delay(250);
    robot.keyPress(KeyEvent.VK_DELETE);
    robot.keyRelease(KeyEvent.VK_DELETE);
    robot.keyPress(KeyEvent.VK_CONTROL);
    V(robot);
    robot.keyRelease(KeyEvent.VK_CONTROL);
```

```
            robot.delay(250);
            robot.mouseWheel(-1000);
            System.out.println(name);
            System.out.println(name.substring(0,1));
            robot.delay(250);
            robot.mouseMove(160, 440);
            robot.delay(250);
            robot.mousePress(InputEvent.BUTTON1_MASK);
            robot.mouseRelease(InputEvent.BUTTON1_MASK);
            robot.delay(250);
            for(int i=0; i<7; i++)
            {
                DELETE(robot);
                robot.delay(100);
            }

            for(int i=0; i<10; i++)
            {
                if(name.substring(i, i+1).equals("a"))
                {
                    A(robot);
                }

                else if(name.substring(i, i+1).equals("b"))
                {
                    B(robot);
                }

                else if(name.substring(i, i+1).equals("c"))
                {
                    C(robot);
                }

                else if(name.substring(i, i+1).equals("d"))
                {
                    D(robot);
                }

                else if(name.substring(i, i+1).equals("e"))
                {
                    E(robot);
                }

                else if(name.substring(i, i+1).equals("f"))
                {
                    F(robot);
                }

                else if(name.substring(i, i+1).equals("g"))
                {
                    G(robot);
                }

                else if(name.substring(i, i+1).equals("h"))
```

```
            {
                H(robot);
            }

            else if(name.substring(i, i+1).equals("i"))
            {
                I(robot);
            }

            else if(name.substring(i, i+1).equals("j"))
            {
                J(robot);
            }

            else if(name.substring(i, i+1).equals("k"))
            {
                K(robot);
            }

            else if(name.substring(i, i+1).equals("l"))
            {
                L(robot);
            }

            else if(name.substring(i, i+1).equals("m"))
            {
                M(robot);
            }

            else if(name.substring(i, i+1).equals("n"))
            {
                N(robot);
            }

            else if(name.substring(i, i+1).equals("o"))
            {
                O(robot);
            }

            else if(name.substring(i, i+1).equals("p"))
            {
                P(robot);
            }

            else if(name.substring(i, i+1).equals("q"))
            {
                Q(robot);
            }

            else if(name.substring(i, i+1).equals("r"))
            {
                R(robot);
            }
```

```
            else if(name.substring(i, i+1).equals("s"))
            {
                S(robot);
            }

            else if(name.substring(i, i+1).equals("t"))
            {
                T(robot);
            }

            else if(name.substring(i, i+1).equals("u"))
            {
                U(robot);
            }

            else if(name.substring(i, i+1).equals("v"))
            {
                V(robot);
            }

            else if(name.substring(i, i+1).equals("w"))
            {
                W(robot);
            }

            else if(name.substring(i, i+1).equals("x"))
            {
                X(robot);
            }

            else if(name.substring(i, i+1).equals("y"))
            {
                Y(robot);
            }

            else
            {
                Z(robot);
            }
        }

        robot.delay(500);
        robot.mouseMove(525, 60);
        robot.delay(250);
        robot.mousePress(InputEvent.BUTTON1_MASK);
        robot.mouseRelease(InputEvent.BUTTON1_MASK);
        robot.delay(250);
        robot.mouseMove(475, 60);
        robot.delay(4000);
        robot.mousePress(InputEvent.BUTTON1_MASK);
        robot.mouseRelease(InputEvent.BUTTON1_MASK);
    }

    public static void A(Robot robot)
```

```
    {
        robot.keyPress(KeyEvent.VK_A);
        robot.keyRelease(KeyEvent.VK_A);
    }

    public static void B(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_B);
        robot.keyRelease(KeyEvent.VK_B);
    }

    public static void C(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_C);
        robot.keyRelease(KeyEvent.VK_C);
    }

    public static void D(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_D);
        robot.keyRelease(KeyEvent.VK_D);
    }

    public static void E(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_E);
        robot.keyRelease(KeyEvent.VK_E);
    }

    public static void F(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_F);
        robot.keyRelease(KeyEvent.VK_F);
    }

    public static void G(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_G);
        robot.keyRelease(KeyEvent.VK_G);
    }

    public static void H(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_H);
        robot.keyRelease(KeyEvent.VK_H);
    }

    public static void I(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_I);
        robot.keyRelease(KeyEvent.VK_I);
    }

    public static void J(Robot robot)
```

```
    {
        robot.keyPress(KeyEvent.VK_J);
        robot.keyRelease(KeyEvent.VK_J);
    }

    public static void K(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_K);
        robot.keyRelease(KeyEvent.VK_K);
    }

    public static void L(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_L);
        robot.keyRelease(KeyEvent.VK_L);
    }

    public static void M(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_M);
        robot.keyRelease(KeyEvent.VK_M);
    }

    public static void N(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_N);
        robot.keyRelease(KeyEvent.VK_N);
    }

    public static void O(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_O);
        robot.keyRelease(KeyEvent.VK_O);
    }

    public static void P(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_P);
        robot.keyRelease(KeyEvent.VK_P);
    }

    public static void Q(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_Q);
        robot.keyRelease(KeyEvent.VK_Q);
    }

    public static void R(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_R);
        robot.keyRelease(KeyEvent.VK_R);
    }

    public static void S(Robot robot)
```

```
    {
        robot.keyPress(KeyEvent.VK_S);
        robot.keyRelease(KeyEvent.VK_S);
    }

    public static void T(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_T);
        robot.keyRelease(KeyEvent.VK_T);
    }

    public static void U(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_U);
        robot.keyRelease(KeyEvent.VK_U);
    }

    public static void V(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_V);
        robot.keyRelease(KeyEvent.VK_V);
    }

    public static void W(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_W);
        robot.keyRelease(KeyEvent.VK_W);
    }

    public static void X(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_X);
        robot.keyRelease(KeyEvent.VK_X);
    }

    public static void Y(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_Y);
        robot.keyRelease(KeyEvent.VK_Y);
    }

    public static void Z(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_Z);
        robot.keyRelease(KeyEvent.VK_Z);
    }

    public static void CONTROL(Robot robot)
    {
        robot.keyPress(KeyEvent.VK_CONTROL);
        robot.keyRelease(KeyEvent.VK_CONTROL);
    }

    public static void DELETE(Robot robot)
```

```
    {
        robot.keyPress(KeyEvent.VK_DELETE);
        robot.keyRelease(KeyEvent.VK_DELETE);
    }
}
```