

Generatore di password

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class GeneraPassword extends JFrame{
    JPanel p=new JPanel(new GridLayout(4,1));
    JPanel p1=new JPanel();
    JPanel p2=new JPanel();
    JPanel p3=new JPanel();
    JPanel p4=new JPanel();
    JLabel lTitolo=new JLabel("Generatore di password");
    JLabel l1=new JLabel("lunghezza password");
    final Integer[] lunghezze = {8, 9, 10, 11, 12,13,14,15}; // auto-upcast
    final JComboBox<Integer> comboLunghezze = new JComboBox<Integer>(lunghezze);
    JButton bGenera=new JButton("Genera la password");
    JTextField tPassword =new JTextField(15);
    public GeneraPassword()
    {

        p1.add(lTitolo);
        p2.add(l1);
        p2.add(comboLunghezze);
        p3.add(bGenera);Font f=new Font("Ariale",Font.PLAIN,24);
        tPassword.setFont(f);
        tPassword.setHorizontalAlignment(JTextField.CENTER);
        tPassword.setEditable(false);
        tPassword.setBackground(Color.yellow);
        p4.add(tPassword);
        bGenera.addActionListener(new ActionListener() {

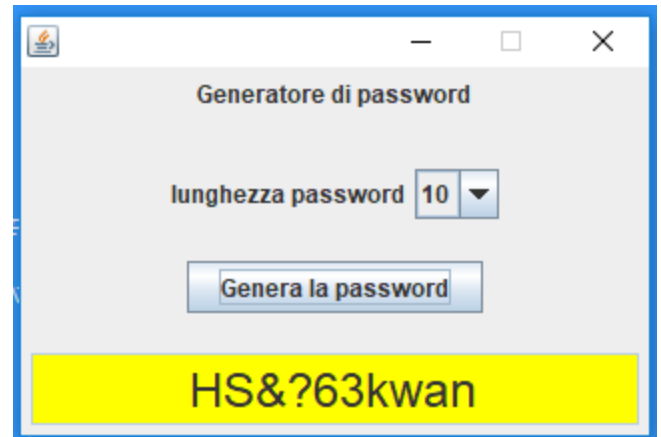
            @Override
            public void actionPerformed(ActionEvent e) {
                String pass=password(comboLunghezze.getSelectedIndex()+8);
                tPassword.setText(pass);
            }
        });

        p.add(p1);p.add(p2);p.add(p3);p.add(p4);
        this.getContentPane().add(p);

        this.setResizable(false);

        this.pack();
        this.setVisible(true);
    }

    private String password(int l)
    {
        String maiu="ABCDEFGHJKLMNOPQRSTUVWXYZ";
```



```

String minu=maiu.toLowerCase();
String simb="_-()?!*@$&";
int nlettere=maiu.length();
int nsimboli=simb.length();
String s="";
for(int i=0;i<=1;i++)
{
    int n = (int) (Math.random()*nlettere);
    s+=maiu.substring(n,n+1);
}
for(int i=2;i<=3;i++)
{
    int n = (int) (Math.random()*nsimboli);
    s+=simb.substring(n,n+1);
}
for(int i=4;i<=5;i++)
{
    int n = (int) (Math.random()*10);
    s+=""+n;
}
for(int i=6;i<=1-1;i++)
{
    int n = (int) (Math.random()*nlettere);
    s+=minu.substring(n,n+1);
}

return s;
}

```