```java
private void addActionListeners() {
    encrypt.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            String in = encinput.getText();
            if(in.equals("message...") || in.equals(""))
                JOptionPane.showMessageDialog(new JFrame(),"Enter something first!");
            else {
                if(!enc.empty()) {
                    JTextArea wat = new JTextArea(enc.encrypt(in));
                    JOptionPane.showMessageDialog(new JFrame(), wat);
                } else
                    JOptionPane.showMessageDialog(new JFrame(),
                    "No conversion file found. If you are supposed to receive a file from a friend,\nclose the program, add the file to the
                }

            }
        }
    });
    decrypt.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            String in = encinput.getText();
            if(in.equals("message...") || in.equals(""))
                JOptionPane.showMessageDialog(new JFrame(),"Enter something first!");
            else {
                if(!enc.empty()) {
                    JTextArea wat = new JTextArea(enc.decrypt(in));
                    JOptionPane.showMessageDialog(new JFrame(), wat);
                } else
                    JOptionPane.showMessageDialog(new JFrame(),
                    "No conversion file found. If you are supposed to receive a file from a friend,\nclose the program, add the file to the
                }

            }
        }
    });
    b.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            enc.generateNewValues();
            JOptionPane.showMessageDialog(new JFrame(), "Values generated.");
        }
    });
```

```java
    add.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            createAndShow2ndGUI();//inside is all the code to add a new account
        }
    });
    search.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            String input = pwinput.getText();
            JTextArea wat = new JTextArea(manager.getCredentials(input).toString());
            JOptionPane.showMessageDialog(new JFrame(), wat);
        }
    });
}

private void createAndShow2ndGUI() {
    JFrame frame = new JFrame("Account Creation");
    JPanel panel = new JPanel();
    JButton generate = new JButton("Generate password");
    JButton save = new JButton("Save");
    save.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            manager.addAccount(website.getText(), username.getText(), password.getText());
            JOptionPane.showMessageDialog(new JFrame(), "Saved!");
        }
    });
    generate.addActionListener(new ActionListener(){
        public void actionPerformed(ActionEvent e) {
            int s = JOptionPane.showConfirmDialog(new JFrame(),"Special characters?","",JOptionPane.YES_NO_OPTION);
            boolean special = false;
            if(s == 0)
                special = true;
            password.setText(manager.generatePassword(special));
        }
    });
```