

## P03 - ACCESS CONTROL

This project creates an “access control” program that is much like this one to maintain access to the shared computers. An access control program maintains a record of valid users and their properties. In order to gain access to the machine, a user must accurately report their matching name and password.

The goal of this assignment is to practice creating the classes and objects, and to practice using the ArrayList class.

The sample of output:

```
Please enter the username: admin
Please enter the password: root
Welcome, admin!
-----Menu-----
(1) logout
(2) newpw [newpassword]
(3) adduser [username]
(4) adduser [username] [true or false]
(5) rmuser [username]
(6) giveadmin [username]
(7) radmin [username]
(8) resetpw [username]
Please enter a command: newpw 123
Welcome, admin!
-----Menu-----
(1) logout
(2) newpw [newpassword]
(3) adduser [username]
(4) adduser [username] [true or false]
(5) rmuser [username]
(6) giveadmin [username]
(7) radmin [username]
(8) resetpw [username]
Please enter a command: logout
Please enter the username: admin
Please enter the password: root
Invalid username or password
Please enter the username: admin
Please enter the password: 123
Welcome, admin!
-----Menu-----
(1) logout
(2) newpw [newpassword]
(3) adduser [username]
(4) adduser [username] [true or false]
(5) rmuser [username]
(6) giveadmin [username]
(7) radmin [username]
```