

```
1 #include <iostream>
2 #include <string>
3 #include <Windows.h>
4 #include <conio.h>
5 #include "Calc.cpp"
6
7
8
9 using std::cout;
10 using std::cin;
11 using std::string;
12
13
14 string calc;
15 string area;
16
17 int main() {
18
19
20     SetConsoleTitleA("Experience of a new OS setup");
21
22     string user_name;
23     string input;
24     string pass;
25
26     cout << "Set a new password: " << "\n";
27     cin >> input;
28     system("cls");
29     PlaySound(TEXT("done.wav"), GetModuleHandle(NULL), SND_FILENAME | 
        SND_ASYNC);
30
31
32     cout << "Set your username: " << "\n";
33     cin >> user_name;
34     system("cls");
35     PlaySound(TEXT("done.wav"), GetModuleHandle(NULL), SND_FILENAME | 
        SND_ASYNC);
36
37
38
39     cout << "Enter Password: \n";
40     cin >> pass;
41
42     if (pass != input) {
43
44         do
45         {
46             system("cls");
47             cout << "Incorrect!\n";
48             PlaySound(TEXT("chord.wav"), NULL, SND_SYNC);
49             cout << "Enter Password: \n";
50             cin >> pass;
51         } while (pass != input);
```

```
52     }
53
54     system("cls");
55
56
57
58
59     PlaySound(TEXT("Windows_Logon_Sound.wav"), NULL, SND_SYNC);
60     cout << "Welcome " << user_name << "\n";
61     cout << "Log out\n";
62     cout << "setup\n";
63
64
65     string lgout;
66     cin >> lgout;
67     if (lgout == "setup") {
68         string setup;
69         system("cls");
70         PlaySound(TEXT("setup.wav"), GetModuleHandle(NULL), SND_FILENAME |  ↗
            SND_ASYNC | SND_LOOP);
71         cout << "Welcome to AP-DOS!\n";
72         cout << "Press any key to continue with the setup!";
73         _getch();
74
75         system("cls");
76         cout << "Thank you for choosing MS-DOS\nPlease wait while AP-DOS is  ↗
            installing . . .\n";
77         for (int i = 0; i < 250000; i++)
78         {
79             cout << "C:AP-DOS/FILE/COMMAND\n";
80             cout << "C:AP-DOS/FILE/00BE\n";
81             cout << "C:AP-DOS/FILE/EXPLORER\n";
82             cout << "C:AP-DOS/title.wma\n";
83             cout << "C:AP-DOS/Desktop/explorer\n";
84             cout << "C:AP-DOS/Desktop/browser\n";
85             cout << "C:AP-DOS/Desktop/calculator\n";
86         }
87
88         string explorer;
89         system("cls");
90         PlaySound(TEXT("done.wav"), GetModuleHandle(NULL), SND_FILENAME |  ↗
            SND_ASYNC);
91         cout << "Please restart to continue setup\n";
92         cout << "Press any key to restart\n";
93         _getch();
94         system("cls");
95         PlaySound(TEXT("Windows_Logout_Sound.wav"), NULL, SND_ASYNC);
96         for (int loop = 0; loop < 2000; loop++)
97         {
98             cout << "\n";
99         }
100
101
```

```
102
103
104
105     system("cls");
106     PlaySound(TEXT("Windows_Logon_Sound.wav"), GetModuleHandle(NULL),
107         SND_FILENAME | SND_ASYNC);
108     cout << "Welcome " << user_name << "\n";
109     cout << "Log out\n";
110     cout << "Internet\n";
111     cin >> explorer;
112     if (explorer == "internet") {
113         system("cls");
114         PlaySound(TEXT("done.wav"), GetModuleHandle(NULL), SND_FILENAME
115             | SND_ASYNC);
116         system("start http://google.com");
117         system("cls");
118         cout << "Press any key to go back to the main menu";
119         _getch();
120         system("cls");
121         string expl;
122         PlaySound(TEXT("done.wav"), GetModuleHandle(NULL), SND_FILENAME
123             | SND_ASYNC);
124         cout << "Welcome " << user_name << "\n";
125         cout << "Logout\n";
126         cout << "Internet\n";
127         cout << "Calculator\n";
128         cout << "Credits\n";
129         cin >> expl;
130         if (expl == "logout")
131         {
132             system("cls");
133             PlaySound(TEXT("Windows_Logout_Sound.wav"), GetModuleHandle
134                 (NULL), SND_FILENAME | SND_SYNC);
135             cout << "Logging Out....";
136         }
137         else if (expl == "credits") {
138             PlaySound(TEXT("setup.wav"), GetModuleHandle(NULL),
139                 SND_FILENAME | SND_ASYNC | SND_LOOP);
140             system("cls");
141             cout << "Thank you for trying out my application\n";
142             cout << "Made by Angelo Petrai C++\n";
143             cout << "Press any key to go back to the main menu . . .";
144             _getch();
145             system("cls");
146         }
147         else if (expl == "internet") {
148             system("start http://google.com");
149             PlaySound(TEXT("done.wav"), GetModuleHandle(NULL),
150                 SND_FILENAME | SND_ASYNC);
151             cout << "Press any key to go back to the main menu . . .";
152             _getch();
153             system("cls");
```

```
149     }
150
151     else if (expl == "calculator") {
152         system("cls");
153         cout << "What kind of calculation you would like to make?\n\n";
154         cout << "Area ";
155         cout << "Multiplication\n\n ";
156         cout << "Division\n\n";
157         cin >> calc;
158         system("cls");
159         if (calc == "area") {
160             cout << "1.Sqaure ";
161             cout << "2.Triangle\n";
162             PlaySound(TEXT("done.wav"), GetModuleHandle(NULL),
163             SND_FILENAME | SND_ASYNC);
164             cin >> area;
165             if (area == "triangle") {
166                 PlaySound(TEXT("done.wav"), GetModuleHandle(NULL),
167                 SND_FILENAME | SND_ASYNC);
168                 Triangle tri;
169             }
170             else if (area == "square") {
171                 PlaySound(TEXT("done.wav"), GetModuleHandle(NULL),
172                 SND_FILENAME | SND_ASYNC);
173                 Square sq;
174             }
175         }
176         if (calc == "multiplication") {
177             PlaySound(TEXT("done.wav"), GetModuleHandle(NULL),
178             SND_FILENAME | SND_ASYNC);
179             Multiplication mutli;
180         }
181         else if (calc == "division") {
182             PlaySound(TEXT("done.wav"), GetModuleHandle(NULL),
183             SND_FILENAME | SND_ASYNC);
184             Division di;
185         }
186     }
187
188 }
189
190
191
192
193
194 if (lgout == "logout") {
195     system("cls");
```

```
196         cout << "Logging Out....";
197         PlaySound(TEXT("Windows_Logout_Sound.wav"), NULL, SND_SYNC);
198
199     }
200
201 }
202 }
```