```cpp
 1 #include <iostream>
 2 #include <string>
 3 #include <map>
 4
 5 using namespace std;
 6
 7 typedef map<char,char> encrypted;
 8
 9 const int Tam_ABC = 26;
10
11 string encripta(const string base, encrypted encr)
12 {
13     encrypted::iterator it;
14     string ret;
15
16     for(int i=0;i<base.size();i++)
17     {
18         it = encr.find(base[i]);
19         ret += it->second;
20     }
21
22     return ret;
23 }
24
25 void construirEnc(encrypted & encr)
26 {
27     for(int i=0;i<Tam_ABC;i++)
28     {
29         encr.insert(encrypted::value_type('A'+i,'z'-i));
30         encr.insert(encrypted::value_type('a'+i,'Z'-i));
31     }
32 }
33
34 int main()
35 {
36     encrypted encr;
37
38     construirEnc(encr);
39     encrypted::iterator it;
40
41     string pass="RatillaDifusing";
42
43     string pass_enc=encripta(pass,encr);
44
45     cout << pass_enc << endl;
46
47 }
```