**Caesar Cipher**

#include <iostream>

using namespace std;

string encrypt(string text, int s)

{

string result = "";

for (int i = 0; i < text.length(); i++) {

if (isupper(text[i]))

result += char(int(text[i] + s - 65) % 26 + 65); else

result += char(int(text[i] + s - 97) % 26 + 97);

}

return result;

}

int main()

{

string text = "ATTACKATONCE";

int s = 4;

cout << "Text : " << text;

cout << "\nShift: " << s;

cout << "\nCipher: " << encrypt(text, s);

return 0;

}

Output:  
