**Experiment no 3a**

// A C++ program to illustrate Caesar Cipher Technique

#include <iostream>

using namespace std;

// This function receives text and shift and

// returns the encrypted text

string encrypt(string text, int s)

{

string result = "";

// traverse text

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

{

// apply transformation to each character

// Encrypt Uppercase letters

if (isupper(text[i]))

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

// Encrypt Lowercase letters

else

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

}

// Return the resulting string

return result;

}

// Driver program to test the above function

int main()

{

string text="SUHASDHOKALE";

int s = 4;

cout << "Text : " << text;

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

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

return 0;}}

Text, application

Description automatically generated with medium confidence

**Output:**

Text

Description automatically generated