

ASSIGNMENT-2

AIM: Ceaser cipher

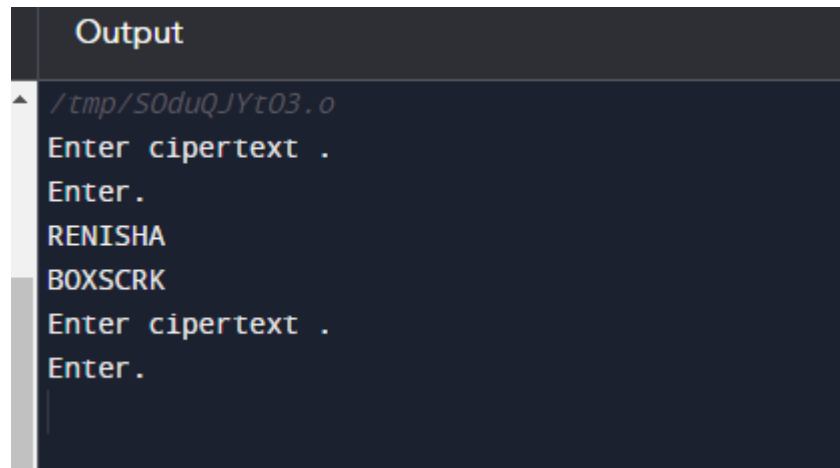
Code:

```
#include <iostream>
#include <string>
using namespace std;
char caesar(char);
int main()
{
    string input;
    do
    {
        cout << "Enter cipertext ." << endl;
        cout << "Enter." << endl;
        getline(cin, input);
        string output = "";
        for (int x = 0; x < input.length(); x++)
        {
            output += caesar(input[x]);
        }
        cout << output << endl;
    }
    while (!input.length() == 0);
} //end main

char caesar(char c)
{
    if (isalpha(c))
```

```
{  
    c = toupper(c); //use upper to keep from having to use two seperate for A..Z a..z  
    c = (((c - 15) + 13) % 26) + 64;  
}  
  
//if c isn't alpha, just send it back.  
  
return c;  
}
```

OUTPUT:



```
Output  
^ /tmp/S0duQJYt03.o  
Enter cipertext .  
Enter.  
RENISHA  
BOXSCRK  
Enter cipertext .  
Enter.  
|
```