

Or

```
#include <stdio.h>
#include <iostream.h>
#include <cctype.h>
int main()
{
    int i, j, len1, len2, numstr[100], numKey[100], numip[100];
    char str[100] = "One time pad", Key[100] = "perfect", cipher[100];
    for (i = 0; j = 0; i < strlen(str); i++)
    {
        if (str[i] != ' ')
        {
            str[j] = toupper(str[i]);
            j++;
        }
    }
    str[j] = '\0';
    for (i = 0; j = 0; i < strlen(Key); i++)
    {
        if (Key[i] != ' ')
        {
            Key[j] = toupper(Key[i]);
            j++;
        }
    }
    Key[j] = '\0';
    for (i = 0; i < strlen(Key); i++)
        numKey[i] = Key[i] - 'A';
```

✓

```
for(i=0; i<strlen(str); i++)
    numcipher[i] = numstr[i] + numkey[i];
for(i=0; i<strlen(str); i++)
{
    if (numcipher[i] > 25)
        numcipher[i] = numcipher[i] - 26;
}
printf("One Time Pad Cipher-text is \n");
for(i=0; i<strlen(str); i++)
    printf("%c", (numcipher[i] + 'A'));
printf("\n");
return 0;
}
```

