# ISCC2024 WriteUp

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### Reverse 迷失之门

### 解题思路（必须包含文字说明+截图）

程序对字符串进行了替换等操作，直接进行对应的变换就可以拿到flag

### Exp（如有，请粘贴完整代码，不允许截图！）

#include <stdio.h>

#include <string.h>

int main() {

char str[] = "FSBBhKguIibsScDqgKzakWsVoa6";

char k[] = "DABBZXQESVFRWNGTHYJUMKIOLPC";

int x[strlen(str)];

int i, j;

for (i = 0; i < strlen(str); i++) {

if (str[i] >= 'A' && str[i] <= 'Z') {

x[i] = strchr("ABCDEFGHIJKLMNOPQRSTUVWXYZ", str[i]) - "ABCDEFGHIJKLMNOPQRSTUVWXYZ";

} else if (str[i] >= 'a' && str[i] <= 'z') {

x[i] = strchr("abcdefghijklmnopqrstuvwxyz", str[i]) - "abcdefghijklmnopqrstuvwxyz" + 0x1a;

} else if (strchr("0123456789+/-=!#&\*()?;:\*^%", str[i])) {

x[i] = strchr("0123456789+/-=!#&\*()?;:\*^%", str[i]) - "0123456789+/-=!#&\*()?;:\*^%" + 0x34;

}

}

for (i = 0; i < strlen(str); i++) {

printf("%c", k[i] + x[i]);

}

return 0;

}