Three address code in c:

#include <stdio.h>

#include <string.h>

#include <ctype.h>

int main() {

char infix[100];

int temp\_count = 1,i=0,j;

printf("Enter an infix expression: ");

scanf("%s", infix);

printf("Three Address Code:\n");

if (isalnum(infix[i])) {

printf("t%d = %c %c %c \n", temp\_count, infix[i],infix[i+1],infix[i+2]);

printf("t%d = t%d %c %c\n", temp\_count+1, temp\_count, infix[i+3], infix[i+4] );

printf("t%d = t%d %c %c\n", temp\_count +2, temp\_count+1, infix[i+5], infix[i+6] );

}

return 0;

}

Output :

