***Problem-8:***

***#include<stdio.h>***

***#include<ctype.h>***

***int main()***

***{***

***char s[40];***

***int i;***

***printf("Please enter the string: ");***

***scanf(" %[^\n]",s);***

***for(i=0; s[i]!='\0'; i++){***

***if (s[i]>='A' && s[i]<='Z')***

***s[i] = tolower(s[i]);***

***else if (s[i]>='a' && s[i]<='z')***

***s[i] = toupper(s[i]);***

***}***

***printf("%s\n",s);***

***return 0;***

***}***