***Problem-10:***

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

***#include<string.h>***

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

***int main()***

***{***

***char s[1000];***

***char p[1000];***

***char q[1000];***

***int i;***

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

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

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

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

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

***}***

***strcpy(p,s);***

***p[strlen(p)] = '\0';***

***strcpy(q,strrev(p));***

***q[strlen(q)] = '\0';***

***if(strcmp(s,q)==0)***

***printf("Given string is a palindrome !\n");***

***else***

***printf("Given string is not a palindrome !\n");***

***return 0;***

***}***