```
#Chuong trinh: Nhap / Xuat chuoi 10 ky tu
#----------------------------------
#Data segment
            .data
#Cac dinh nghia bien
Dau:        .ascii     "AAAA"
str_buf:    .space     11
Cuoi:       .ascii     "ZZZZ"
#Cac cau nhac nhap du lieu
Nhap_s:     .asciiz    "Nhap chuoi <=10 ky tu: "
Xuat_s:     .asciiz    "Chuoi da nhap: "
#----------------------------------
#Code segment
            .text
            .globl     main
#----------------------------------
#Chuong trinh chinh
#----------------------------------
main:
#Nhap (syscall)
            la         $a0,Nhap_s
            addi       $v0,$zero,4
            syscall
            la         $a0,str_buf
            addi       $a1,$zero,11
            addi       $v0,$zero,8
            syscall
   # xuong dong
            addi       $a0,$zero,'\n'
            addi       $v0,$zero,11
            syscall
#Xu ly
#Xuat ket qua (syscall)
            la         $a0,Xuat_s
            addi       $v0,$zero,4
            syscall
            la         $a0,str_buf
            addi       $v0,$zero,4
            syscall
#ket thuc chuong trinh (syscall)
Kthuc:      addiu      $v0,$zero,10
            syscall
#----------------------------------
```