.data

Nhap:.asciiz "Nhap vao mot chuoi:"

Xuat1:.asciiz "=> Chuoi doi xung "

Xuat2:.asciiz "=>Chuoi khong doi xung"

str:.space 1024

.text

main:

#nhap vao chuoi

li $v0,4

la $a0,Nhap

syscall

li $v0,8

la $a0,str

li $a1,1024

syscall

li $t2,0

la $t0,str

#dua chuoi vao stack

loop:

lb $t1,($t0)

beq $t1,10,next

addi $sp,$sp,-1

sb $t1,($sp)

addi $t0,$t0,1

addi $t2,$t2,1

j loop

next:

li $t3,2

div $t2,$t3

mflo $t3

li $t4,1

la $t0,str

loop1:

lb $t1,($t0)

lb $t5,($sp)

addi $sp,$sp,1

addi $t3,$t3,-1

bgtz $t3,loop1

j doixung

khongdoixung:

li $t4,0

li $t0,4

la $a0,Xuat2

syscall

j exit

doixung:

li $v0,4

la $a0,Xuat1

syscall

exit:

li $v0,10

syscall