

```

lab5(2) - Notepad
File Edit Format View Help

.data
    msg1: .ascii "Enter temperature of the day "
    msg2: .ascii "It is hot today"
    msg3: .ascii "Pleasant weather"
    msg4: .ascii "It is cold today"

.text
.globl main
.ent main
main:
    li $v0,4
    la $a0,msg1
    syscall

    li $v0,5
    syscall
    move $t0,$v0

    slti $t1,$t0,31
    bne $t1,$0,pleasant
    li $v0,4
    la $a0,msg2
    syscall
    j exit
pleasant:
    slti $t1,$t0,20
    bne $t1,$0,cold
    li $v0,4
    la $a0,msg3
    syscall
    j exit
cold:
    li $v0,4
    la $a0,msg4
    syscall
exit: jr $ra
.end main

```

Console

```

Enter temperature of the day 27
Pleasant weather

```

```

lab5(1) - Notepad
File Edit Format View Help

.data
    msg1: .ascii "Enter some integer "
    msg2: .ascii "The number is even"
    msg3: .ascii "The number is odd"

.text
.globl main
.ent main
main:
    li $v0,4
    la $a0,msg1
    syscall

    li $v0,5
    syscall
    move $t0,$v0
    addi $t1,$0,2

    div $t0,$t1
    mfhi $s1

    beq $s1,$0,even

    li $v0,4
    la $a0,msg3
    syscall

even: li $v0,4
    la $a0,msg2
    syscall

    jr $ra

.end main

```

Console

```

Enter some integer 35
The number is odd

```

Console

```

Enter some integer 28
The number is even

```