Name = Muhammad Jnaid Saleem Qadri

E.no : 02-131202-057

**Code :**

.data

name: .asciiz "\nEnter your name = "

Enroll: .asciiz "\nEnter your Enrollment number = "

batch: .asciiz "\nEnter your Batch = "

sem: .asciiz "\nWhich Semester = "

subject: .asciiz "\n\nEnter marks of Physics = "

grade: .asciiz "\nYour Grade is = "

line: .asciiz "\n--------------------------------------\n"

A: .asciiz "A"

B: .asciiz "B"

C: .asciiz "C"

.text

.globl main

main:

li $s0,90

li $s1,75

li $s2,65

# enter user info

la $a0,name

la $v0,4

syscall

li $v0,8

syscall

move $t1,$a0#$t1 = name

la $a0,Enroll

la $v0,4

syscall

li $v0,8

syscall

move $t2,$a0#$t2 = enrollment

la $a0,batch

la $v0,4

syscall

li $v0,8

syscall

move $t3,$a0#$t3 = batch.

la $a0,sem

la $v0,4

syscall

li $v0,8

syscall

move $t4,$a0#$t4 = semester

la $a0,subject

li $v0,4

syscall

li $v0,5

syscall

move $t0,$v0#marks in $t0

# display

la $a0,line

li $v0,4

syscall

move $a0,$t1

li $v0,4

syscall

move $a0,$t2

li $v0,4

syscall

move $a0,$t3

li $v0,4

syscall

move $a0,$t4

li $v0,4

syscall

la $a0,grade

li $v0,4

syscall

bge $t0,$s0,gradeA

bge $t0,$s1,gradeB

bge $t0,$s2,gradeC

b exit

gradeA:

la $a0,A

li $v0,4

syscall

b exit

gradeB:

la $a0,B

li $v0,4

syscall

b exit

gradeC:

la $a0,C

li $v0,4

syscall

b exit

exit:

li $v0,10

syscall

**Output:**



