**CODE:**

.data

physics: .asciiz "Enter Physics marks:"

phymarks: .asciiz "\nNew physics marks:"

chemistry: .asciiz "Enter chemistry marks:"

chemarks: .asciiz "\nNew chemistry marks:"

math: .asciiz "Enter math marks:"

mathmarks: .asciiz "\nNew math marks:"

english: .asciiz "Enter english marks:"

engmarks: .asciiz "\nNew Englisg marks:"

total400: .asciiz "\nTotal out of 400 is:"

total800: .asciiz "\nTotal out of 800 is:"

.text

#display physics

li $v0, 4

la $a0, physics

syscall

# get physics marks

li $v0, 5

syscall

#move to $t0

move $t0, $v0

#display chemistry

li $v0, 4

la $a0, chemistry

syscall

# get chemistry marks

li $v0, 5

syscall

#move to $t1

move $t1, $v0

#display math

li $v0, 4

la $a0, math

syscall

# get math marks

li $v0, 5

syscall

#move to $t2

move $t2, $v0

#display english

li $v0, 4

la $a0, english

syscall

# get english marks

li $v0, 5

syscall

#move to $t3

move $t3, $v0

#add marks in $t0

add $t4, $t0, $t1

add $t4, $t4, $t2

add $t4, $t4, $t3

#double marks and display

#physics

li $v0, 4

la $a0 , phymarks

syscall

#print marks

li $v0, 1

mul $t0, $t0, 2

move $a0, $t0

syscall

#chemistry

li $v0, 4

la $a0 , chemarks

syscall

#print marks

li $v0, 1

mul $t1, $t1, 2

move $a0, $t1

syscall

#math

li $v0, 4

la $a0 , mathmarks

syscall

#print marks

li $v0, 1

mul $t2, $t2, 2

move $a0, $t2

syscall

#english

li $v0, 4

la $a0 , engmarks

syscall

#print marks

li $v0, 1

mul $t3, $t3, 2

move $a0, $t3

syscall

#print total out of 400

li $v0, 4

la $a0, total400

syscall

li $v0, 1

move $a0, $t4

syscall

#print total out of 800

li $v0, 4

la $a0, total800

syscall

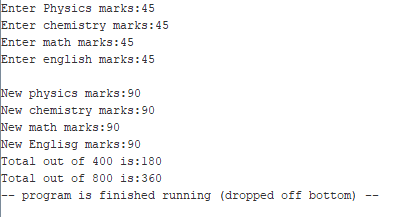
li $v0, 1

mul $t4, $t4, 2

move $a0, $t4

syscall

**OUTPUT**

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