```
.data

var1 : .asciiz "Enter the value of A\n"

var2 : .asciiz "Enter the value of B\n"

.globl main

.text

main:

li $v0 , 4

la $a0 , var1

syscall

li $v0 , 5

syscall

move $t0 , $v0

li $v0 , 4

la $a0 , var2

syscall

li $v0 , 5

syscall

move $t1 , $v0

bgt $t0 , $t1 , ifGreater

move $t2 , $t1

b printNow

ifGreater:

mul $t2, $t2, 10

move $a0, $t2

li $v0, 1

syscall


printNow:

add $t1, $t1, 1
```

```
move $a0 , $t2



li $v0, 1
syscall
li $v0 , 10
syscall
```