Q1:

```
.data

inta: .asciiz "Enter A value: "
intb: .asciiz "Enter B value: "
printa: .asciiz "A="
printb: .asciiz "B="
.text

li $v0, 4
la $a0, inta
syscall

li $v0, 5
syscall

move $t0, $v0


li $v0, 4
la $a0, intb
syscall

li $v0, 5
syscall

move $t1, $v0

add $t0, $t0, $t1

mul $t1, $t1, $t0
```

```
li $v0, 4
la $a0, printa
syscall

li $v0, 1
move $a0, $t0
syscall

li $v0, 4
la $a0, printb
syscall

li $v0, 1
move $a0, $t1
syscall
```

```
Enter A value: 45
Enter B value: 54
A=99B=5346
-- program is finished running (dropped off bottom) --
```

Q2

```
.data


.text
```

```
li $t0, 29
li $t1, 70

add $t0, $t0, $t1
li $t1, 3

div $t0, $t0, $t1

li $t1, -20
li $t2, 22

add $t2, $t1, $t2
li $t1, 2

sub $t2, $t2, $t1

add $t0, $t0, $t2

li $v0, 1
move $a0, $t0
syscall
li $v0, 10
syscall
```

```
33
-- program is finished running --
```