

I 2207

MIPS Assembly

Lab1

Exercise 1

Write a MIPS program to divide two integers a=7 and b=2, then display the quotient and the remainder.

Recall:

Print an integer

```
v0 ← 1  
a0 ← value  
syscall
```

Print a text

```
v0 ← 4  
a0 ← @text  
syscall
```

Exercise 2

Convert the following C-code into MIPS code.

```
int x=4, y=6;
```

```
y=y+x;
```

```
x=y/2;
```