## CISS360: Computer Systems and Assembly Language
## Quiz 04-02

Name: _____

Q1. Write a MIPS program that gets integers $x$ and $y$ from the user. If $x$ is 1, the program stores $x$, $y$, $2y$ in the data segment (starting at the first of course). Otherwise it stores $x$, $y$, $3y$ instead.

You have 8 minutes.

Instruction for submission:
- The filename must be `q04-02.s`.
- You must email your file to `yliow.submit@gmail.com`.
- The subject line must be `ciss360 q04-02`.
- You must email from your college email account `*@cougars.ccis.edu`.

TEST 1
Console:

```
1
2
```

Data segment:

```
        DATA
[0x10000000]...[0x10010000]  0x00000000
[0x10010000]                 0x00000001  0x00000002  0x00000004  0x00000000
[0x10010010]...[0x10040000]  0x00000000
```

TEST 2
Console:

```
2
3
```

Data segment:

```
        DATA
[0x10000000]...[0x10010000]  0x00000000
[0x10010000]                 0x00000002  0x00000003  0x00000009  0x00000000
[0x10010010]...[0x10040000]  0x00000000
```