Software Design I (CS 120) Quiz 02: Monday, 12 February 2018

NAME			

(1) (2 points) What are the values of the variables num1 and num2 after the following code runs?

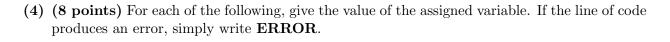
```
int num1 = 1;
int num2 = 2;
num2 = num1;
num1 = 0;
```

(2) (2 points) What are the values of the variables num1 and num2 after the following code runs?

```
int num1 = 2;
int num2 = 4;
num1 = num2;
num2 = num1;
```

(3) (3 points) What are the values of the variables num1, num2, and num3 after the following runs?

```
int num1 = 1;
int num2 = 2;
int num3 = num1;
num1 = num2;
num2 = num3;
```



(a) int
$$xa = 9 / 2 * 4 - 1$$
;

(b) int
$$xb = 9 / 2 * (4 - 1);$$

(c) int
$$xc = 9 / (2 * 4 - 1);$$

(d) int
$$xd = 9 / 2.0 * 4 - 1;$$

(e) double
$$xe = 9 / 2.0 * 4 - 1;$$

(f) double
$$xf = 9 / 2 * 4 - 1$$
;

(g) int
$$xg = (int) 9 / 2.0 * 4 - 1;$$

(h) int xh = (int)(
$$9 / 2.0 * 4 - 1$$
);