

## CPS 210 - Lab Quiz 2

Name:

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**For questions 1 and 2, you just need to write the statements not the whole program. Question 3 is on the back.**

1. (3 pts) Using **printf**, write the statement that will display the following output:

```
ID      Username  Password
125    bobby     xxxxxx
```

- ID & Username have 4 spaces between them, Username & Password have 3 spaces between them. All numbers should NOT be treated as Strings.

2. (5 pts) The base of a triangle is 10 inches and the height is 25 inches. Compute the area of the triangle using the formula below and display the result with a print statement of your choice. Store the base, height, and area in variables. Your output should look like the following:

```
Area of the triangle: 125.0
```

- **Area = 1/2 \* base \* height**

3.(2 pts) Your program has a variable called **number** that is saved as type **integer**. Is the following statement legal?

```
int number = 5;  
double convert = number;
```

- a) Yes, it is legal.
- b) No, it is not legal.