

POSTLAB #5
CSE 1310

1. (3 points) Assuming x (type double) is 12.335 and I (type int) is 100, show the lines displayed by the following statements. For clarity use \$ to denote a blank space.

```
printf("x is %6.2f i is %4d\n",x,i);  
printf("i is %d\n" i);  
printf("x is %.1f\n",x);
```

2. (2 points) Correct the statement:

```
Printf("Salary is %2.10f\n", salary);
```

3. (10 points) Write a program to convert a temperature in degrees Fahrenheit to degrees Celsius with the following requirements:

Problem Input

```
int Fahrenheit; /* temperature in degrees Fahrenheit */
```

Problem Output

```
double celsius; / * temperature in degrees celcius */
```

Relevant formula

Celsius=5/9(fahrenheit-32)

4. (8 points) Write a program that computes the sum and the average of two integers.

5. (2 points) What gets printed? Explain.

```
int i = 7, j = 7;
```

```
if(i == 1)
```

```
if(j == 2)
```

```
    printf("%d\n", i = i + j);
```

```
else
```

```
    printf("%d\n", i = i - j);
```

```
printf("%d\n",i);
```