

# HW 15

## Functions

Name: \_\_\_\_\_

Time spent: \_\_\_\_\_ min

1) Identify the error in each function **declaration**.

15 pts

void ave(char s, char t);

void wed(sat int, sun int);

foo2(char tire, float steer);

int fun1(int s, t);

int foo(float black, char white)

2) Identify the error in each function call.

15 pts

fun2((char) a, b);

ave(float red, blue);

fri(mon , tue)

int foo(a, b);

tire(tires steer);

3) Evaluate each of the following.

15 pts

$\text{fabs}(-2.4)$

$\text{floor}(-6.3)$

$\text{ceil}(-19.99)$

$\text{floor}(\text{pow}(3.2, 2))$

$\text{pow}(\text{floor}(4.3), \text{ceil}(4.3))$

4) Given the following program. What will be printed out for the answer if the user enters **39** as the input? 55 pts

```
/*
 * hw_fn_1.c
 */
#include <stdio.h>

int fun1(int a);
int fun2(int a);
int fun3(int a);

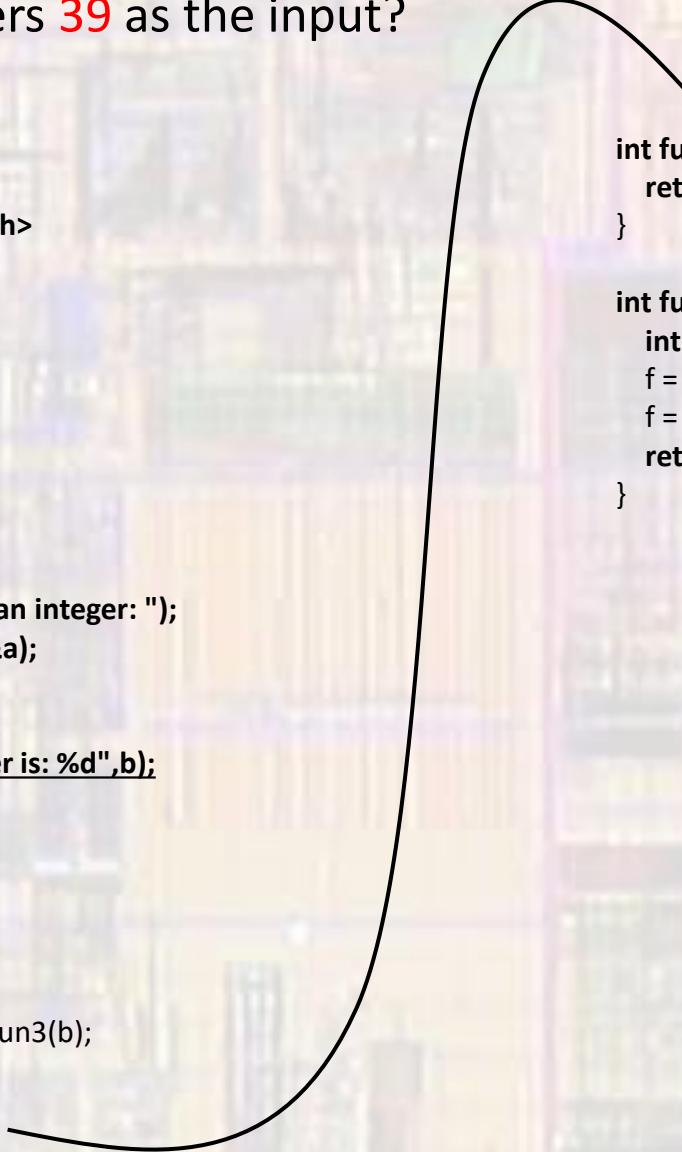
int main(void){
    int a;
    int b;

    printf("Enter an integer: ");
    scanf("%d", &a);

    b = fun1(a);
    printf("answer is: %d",b);

    return 0;
}

int fun1(int b){
    int c;
    c = fun2(b) + fun3(b);
    return c;
}
```



```
int fun2(int d){
    return(d % 10);
}
```

```
int fun3(int e){
    int f;
    f = e/10;
    f = f % 10;
    return f;
}
```